EOG Resources, Inc. P.O. 1910 Vernal, UT 84078

September 5, 2003 RECEIVED

Utah Division of Oil, Gas, & Mining 1594 West North Temple, Suite 1210 P.O. Box 145801 Salt Lake City, UT 84114-5801

SEP 1 6 2003

DIV. OF OIL, GAS & MINING

RE: APPLICATION FOR PERMIT TO DRILL NATURAL BUTTES UNIT 535-17E NW/SW, SEC. 17, T10S, R21E UINTAH COUNTY, UTAH LEASE NO.: U-92270-A UTAH STATE LANDS

Enclosed please find a copy of the Application for Permit to Drill and associated attachments for the referenced well.

Please address further communication regarding this matter (including approval) to:

Ed Trotter P.O. Box 1910 Vernal, UT 84078 Phone: (435)789-4120

Fax: (435)789-1420

Sincerely,

Ed Trotte Agent

EOG Resources, Inc.

Attachments

RECEIVED

SEP 1 6 2003

DIV. OF OIL, GAS & MINING

Form 3160-3

FORM A	PPROVED
OMR NO	1004-013

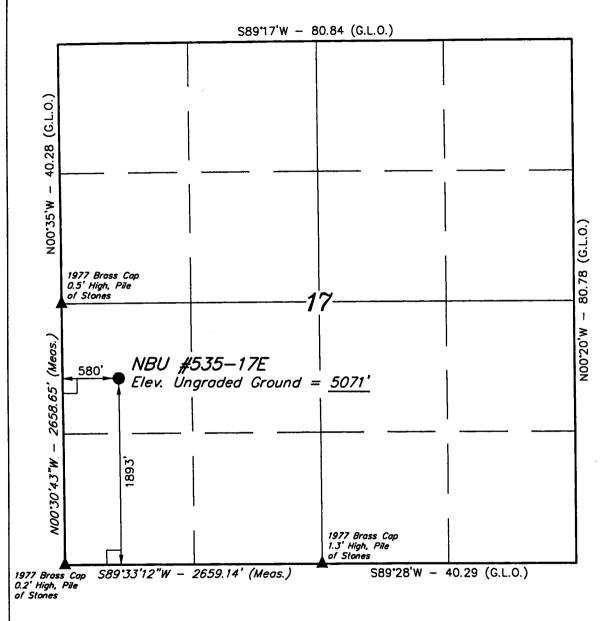
(August 1999)	UNITED ST		OMB NO. 1004-0136		
	DEPARTMENT OF T BUREAU OF LAND N			5. Lease serial No.	
0.4				U-02270-A	,,
01	APPLICATION FOR PERMIT	TO DRILL OR REE	NTER	6. If Indian, Allottee or Tribe na	ıme
la. TYPE OF WORK	k ⊠ DRILL □ F	REENTER			
				7. If Unit or CA Agreement, Na NATURAL BUTT	
b. TYPE OF WELL	Oil Well X Gas Well Ot	her 🛛 Single Zone	Multiple Zon	1	
2. Name of Operator	r			8. Lease Name and Well No.	
EOG RES	OURCES, INC.			NATURAL BUTTES	UNIT 535-17E
3a. Address	1010 VEDNIAL UT 04070			9. API Well No. 43-04	7-35200
	1910, VERNAL, UT 84078 r. (435)789-4120			10. Field and pool, or Explorat	
30. reiephone Numbe	1. (455)/07 4120			NATURAL BUT	
4. Location of Well ((Report location clearly and in accordance	with any State requirement.	(s.*)	11. Sec., T., R., M., or BLK. A	
1893' I	442 2 473 Y FSL & 580' FWL 621094X]	NW/SW 39.949	562	SEC. 17, T10S, R2	1E, S.L.B.&M
At proposed prod.	Zone	-109,5	1 200		
	and direction from nearest town or post of			12. County or parish	13. State
15.7 MILES	S SOUTHEAST OF OURAY	, UTAH		UINTAH	UTAH
15. Distance from pro	-	16. No. of acres in lease		17. Spacing Unit dedicated to th	is well
location to neare property or lease (Also to nearest dr		2167	·		
18. Distance from pro		19. Proposed depth		20. BLM/BIA Bond No. on file	
or applied for, on	rilling, completed, this lease, ft. See Map C	6050'		#NM 2308	
21. Elevations (show	whether DF, KDB, RT, GL, etc.	22. Approx. date work wi	ill start*	23. Estimated duration	
5071.4 FEE	ET GRADED GROUND	UPON APPRO	OVAL		
		24. Attachments			
The following, comple	eted in accordance with the requirements of	Onshore Oil and Gas Order	No. 1, shall be a	attached to this form:	
	ertified by a registered surveyor.			e operations unless covered by an e	xisting bond on file
	Use Plan (if the location is on National For	est System lands, the 5.	(see item 20 abov Operator certifica	ation.	
SUPO sha	Il be filed with the appropriate Forest Service		Such other site sp Authorized office	pecific information and/or plans as a er.	may be required by the
25. Signature	\\t1	Name (Printed/ Typed)		Date	
	ali fioli-	Ed Trotter		Septem	ber 5, 2003
Title Agent			REC	CEIVED	
Approved by Signan		Name (Printed/Typed)	~	Date	1 0(1
Title	ENVIR	RADLEY G. HIL	SEP	16 2003 08-04	1-07
	71	ONMENTAL SCIENTI	DIV. OF OIL,	GAS & MINING	

Application approval does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Conditions of approval, if any, are attached.

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

T10S, R21E, S.L.B.&M.



LEGEND:

= 90° SYMBOL

PROPOSED WELL HEAD.

= SECTION CORNERS LOCATED.

(NAD 27)

LATITUDE = 39'56'44.38'' (39.945661)

LONGITUDE = 109'34'57.22" (109.582561)

EOG RESOURCES. INC.

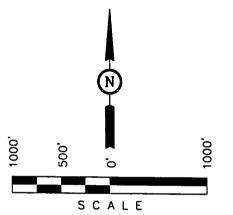
Well location, NBU #535-17E, located as shown in : the NW 1/4 SW 1/4 of Section 17, T10S, R21E. S.L.B.&M. Uintah County, Utah.

BASIS OF ELEVATION

TWO WATER TRIANGULATION STATION IN THE NW 1/4 OF SECTION 1, T10S, R21E, S.L.B.&M. TAKEN FROM THE BIG PACK MTN. NE QUADRANGLE, UTAH, UINTAH COUNTY 7.5 MINUTE QUAD. (TOPOGRAPHIC MAP) PUBLISHED BY THE UNITED STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY, SAID ELEVATION IS MARKED AS BEING 5238 FFFT

BASIS OF BEARINGS

BASIS OF BEARINGS IS A G.P.S. OBSERVATION.

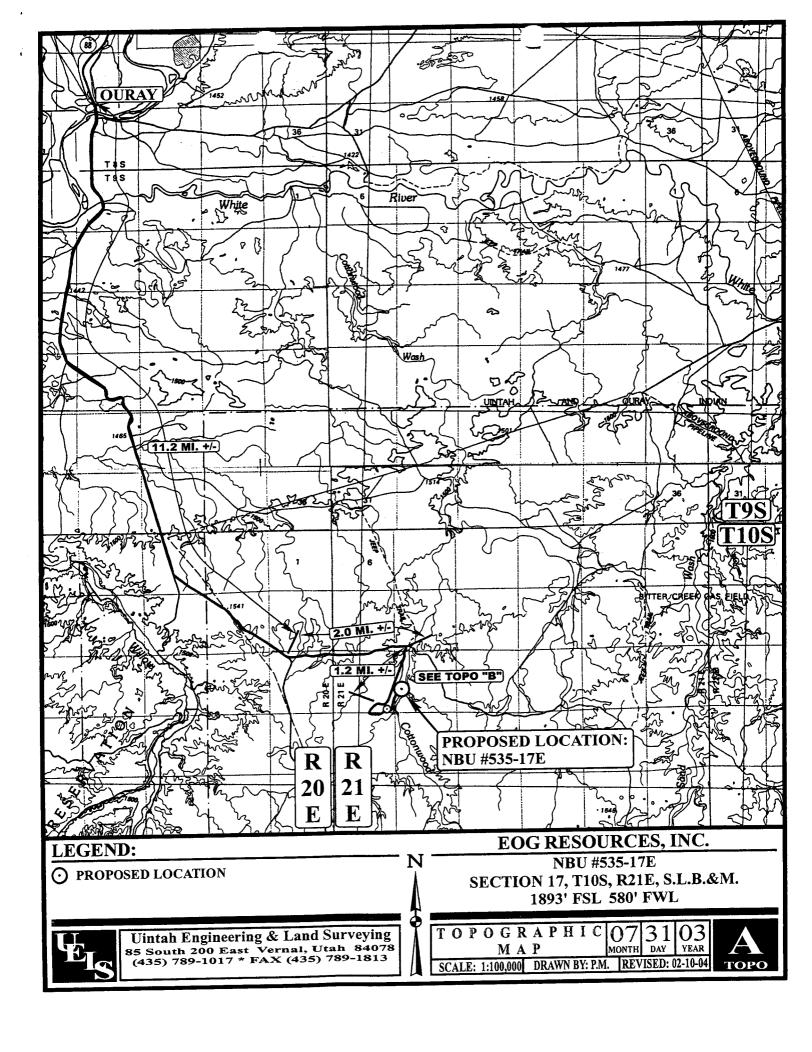


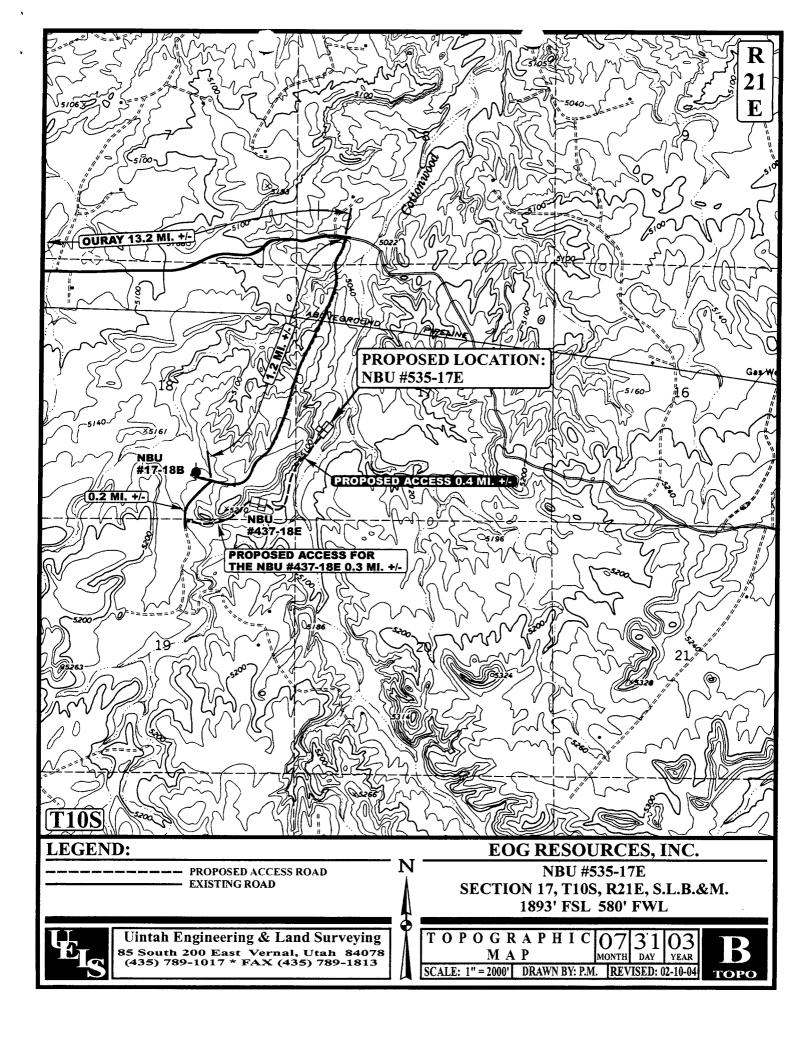
CERTIFICATE

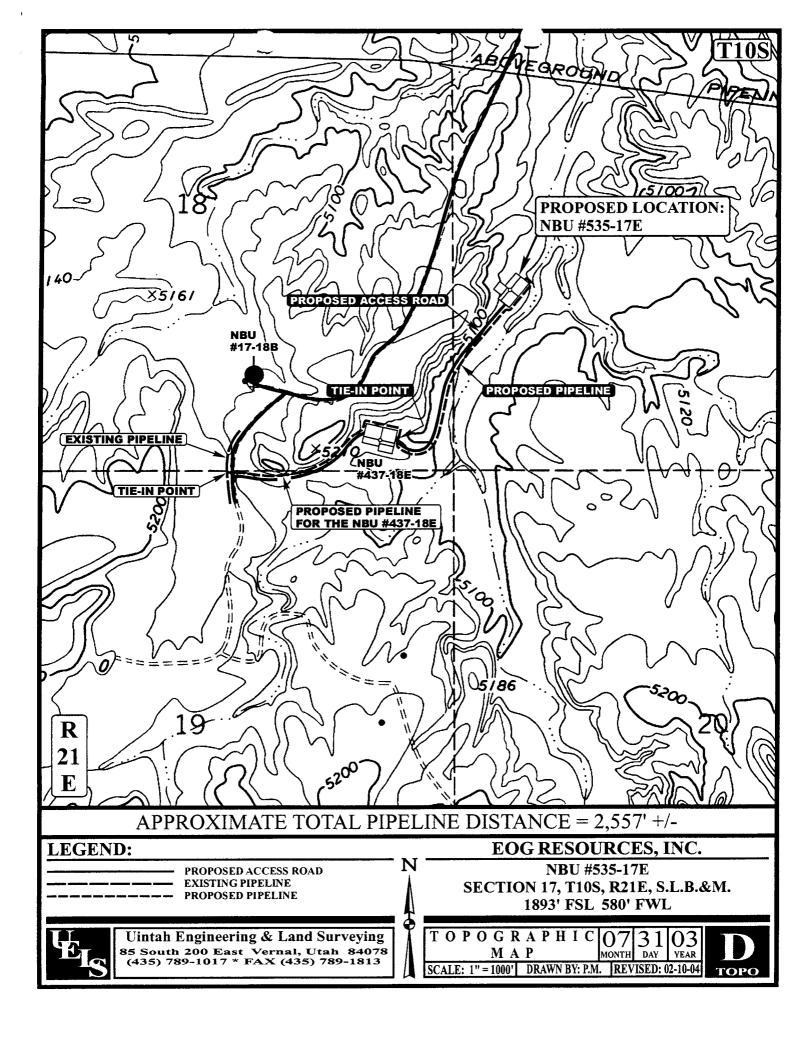
THIS IS TO CERTIFY THAT THE ABOVE PLATINAS, PREPARET FIELD NOTES OF ACTUAL SURVEYS MADE BYTHE OR UNDERLAND SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT BEST OF MY KNOWLEDGE AND BELIE

UINTAH ENGINEERING & LAND SURVEYING 85 SOUTH 200 EAST - VERNAL, UTAH 84078 (435) 789-1017

1" = 1000'	DATE SURVEYED: 08-04-03	DATE DRAWN: 07-30-03
K.K. M.B. D.COX	REFERENCES G.L.O. PLA	ΛΤ
WEATHER WARM	FILE FOG RESOLU	PCES INC







EIGHT POINT PLAN

NATURAL BUTTES UNIT 535-17E NW/SW, SEC. 17, T10S, R21E, S.L.B.&M. UINTAH COUNTY, UTAH

1. & 2. ESTIMATED TOPS & ANTICIPATED OIL, GAS, & WATER ZONES:

FORMATION	DEPTH (KB)
Green River	1,064'
"M" Marker	4,239'
Wasatch	4,389'
Chapita Wells	5,029'
Buck Canyon	5,739'

EST. TD: 6050

Anticipated BHP 2600 PSI

3. PRESSURE CONTROL EQUIPMENT: BOP Schematic Diagram attached.

4. CASING PROGRAM:

							<u>KA</u>	ING FAC	<u>10k</u>
HOLE SIZE	<u>INTERVAL</u>	LENGTH	<u>SIZE</u>	WEIGHT	GRADE	THREAD	COLLA	PSE BURS	TENSILE
12 1/4"	0' - 250'+/- KB	250' +/-	8 5/8"	24.0 #	J-55	ST&C	1370 PSI	2950 PSI	244,000#
7 7/8"	250' – TD +/-KB	6050' +/-	4 1/2"	11.6#	J-55	ST&C	4960 PSI	5350 PSI	184,000#

All casing will be new or inspected.

5. Float Equipment:

Surface Hole Procedure (0-250' Below GL):

Guide Shoe

Insert Baffle

Wooden wiper plug

Centralizers: 1 - 5-10' above shoe, every collar for next 3 joints (4 total).

Production Hole Procedure (250'-TD'):

Texas-Pattern shoe, short casing shoe joint (\pm 20'), Float Collar, and balance of casing to surface. Run short casing joint (< 38') at \pm 3,300' (1,000' above projected top of Wasatch). Centralize 5' above shoe on joint #1, top of joint #2, then every 4th joint to \pm 4,000' (400' above Wasatch top - 15 total). Thread lock shoe, top and bottom of FC, and top of 2^{nd} joint.

6. MUD PROGRAM

Surface Hole Procedure (0-250' below GL):

Air - Air Water Mist

Production Hole Procedure (250'-TD):

200'- 1700': Water (circulate through reserve pit). Anco-Drill sweeps for hole cleaning, Paper sweeps to seal off loss zones. Add LIME to reserve pit to keep clear.

EIGHT POINT PLAN

NATURAL BUTTES UNIT 535-17E NW/SW, SEC. 17, T10S, R21E, S.L.B.&M. UINTAH COUNTY, UTAH

MUD PROGRAM- Production Hole Procedure (250'-TD)(Continued):

1700-4900': Continue as above as far as possible. Should it become necessary to trip for a bit prior to reaching TD, either slug drill pipe and fill hole with brine, or with 9.2-ppg mud (premixed in rig mud tanks) to control gas. Once back on bottom after trip, turn flow back and re-circulate through reserve pit to resume drilling ahead. Stay on as clear of fluid as long as possible. Try to control any fluid losses if drilling on clear fluid with paper LCM. Add LIME and Gyp if needed to control alkalinities.

Continue sweeping hole with Anco-Drill for hole cleaning. Again, should it become necessary to trip for a bit prior to reaching TD, either slug drill pipe and fill hole with brine or with 9.2 ppg mud (pre-mixed in rig mud tanks) to control gas. Once back on bottom after trip, turn flow back and re-circulate through reserve pit to resume drilling ahead. Stay on as clear of fluid as long as possible. Increase Anco-Drill sweep frequency as you near TD in preparation to logging and running casing. Be alert at all times while drilling the Wasatch on water for any signs of hole sloughing (i.e. tight connections, fill, etc.). Should sloughing be detected, immediately mud up the hole. If mud-up becomes necessary to log, run casing, for hole sloughing or to control water and gas flows, mix Gel, Anco-Drill and Aqua-Pac if chloride content of mud will allow or SALT GEL and STARCH if chloride content is high. When mudding up, add 6% LCM (mixture of Cedar Fiber, Paper, Cottonseed Hulls and Sawdust) to control losses.

7. <u>VARIANCE REQUESTS:</u>

- A. EOG Resources, Inc. requests a variance to regulations requiring a straight run blooie line (Where possible, a straight run blooie line will be used).
- B. EOG Resources, Inc. requests a variance to regulations requiring an automatic ignitor or continuous pilot light on the blooie line. (Not required on aerated water system).
- C. EOG Resources, Inc. requests a variance to regulations requiring the blooie line to be 100' in length. To reduce location excavation, the blooie line will be 75' in length.

8. EVALUATION PROGRAM:

Logs: RST (Reservoir Saturation Tool) Cased hole logs will be run from TD to surface.

9. CEMENT PROGRAM:

Surface Hole Procedure (0-250' Below GL)

Lead: 150 sks (100% excess volume) Class 'G' cement with 2% S1 (CaCl2) & 0.25 pps D29 (cellophane flakes), mixed at 15.8 ppg, 1.16 ft³./sk., 4.95 gps water.

EIGHT POINT PLAN

NATURAL BUTTES UNIT 535-17E NW/SW, SEC. 17, T10S, R21E, S.L.B.&M. UINTAH COUNTY, UTAH

CEMENT PROGRAM

Surface Hole Procedure (0-250' Below GL)(Continued):

Top Out: Top out with Class 'G' cement with 2% S1 (CaCl2) in mix water, 15.8 ppg, 1.16 ft³./sk., 4.95 gps via 1" tubing set at 25' if needed.

Production Hole Procedure (250' to TD)

Lead: 100 sks: 35:65 Poz G w/ 4% D20 (Bentonite), 2% D174 (Extender), 0.2% D65 (Dispersant), 0.2% D46 (Antifoam), 0.75% D112 (Fluid Loss Additive), 0.15% D13 (Retarder), 0.25 pps D29 (cello flakes), mixed at 13.0 ppg, 1.73 ft³./sk., 9.06 gps water

Tail: <u>250 sks:</u> 50:50 Poz G w/ 2% D20 (Bentonite), 0.1% D46 (Antifoam), 0.15% D13 (Retarder), 0.2% D167 (Fluid Loss Additive), 0.2% D65 (Dispersant), mixed at 14.1 ppg, 1.28 ft³./sk., 5.9 gps water.

10. ABNORMAL CONDITIONS:

PRODUCTION HOLE (250'-TD)

Lost circulation, asphaltic, black oil flows, large Trona water flows and gas flows may be encountered in the Green River, beginning at 1,064 feet. Other wells in the general area of the NBU 535-17E (all drilled with air/mist or aerated water) reported problems with sloughing formation in the Wasatch while attempting to mud up for logs or to run casing.

11. STANDARD REQUIRED EQUIPMENT:

- A. Choke Manifold
- B. Kelly Cock
- C. Stabbing Valve
- D. Visual Mud Monitoring

12. HAZARDOUS CHEMICALS:

No chemicals subject to reporting under SARA title III in an amount equal to or greater than 10,000 pounds will be used, produced, stored, transported, or disposed of annually in association with the drilling of this well. Furthermore, no extremely hazardous substances, as defined in 40 CFR 355, in threshold planning quantities, will be used, produced, stored, transported, or disposed of in association with the drilling of this well.

(Attachment: BOP Schematic Diagram)

CONDITIONS OF APPROVAL FOR THE SURFACE USE PROGRAM OF THE APPLICATION FOR PERMIT TO DRILL

Company/Operator:

EOG Resources, Inc.

Well Name & Number: Natural Buttes Unit 535-17E

Lease Number:

U-02270-A

Location:

1893' FSL & 580' FWL, NW/SW, Sec. 17,

T10S, R21E, S.L.B.&M.,

Uintah County, Utah

Surface Ownership:

STATE OF UTAH

NOTIFICATION REQUIREMENTS

Location Construction - forty-eight (48) hours prior to construction

of location and access roads.

Location Completion - prior to moving on the drilling rig.

Spud Notice:

- at least twenty-four (24) hours prior to

spudding the well.

Casing String and

Cementing

- twenty-four (24) hours prior to running

casing and cementing all casing strings.

BOP and related

Equipment Tests

- twenty-four (24) hours prior to running

casing and tests.

First Production

Notice

- within five (5) business days after new

Well begins or production resumes after Well has been off production for more than

ninety (90) days.

For more specific details on notification requirements, please check the Conditions of Approval for Notice to Drill and Surface Use Program.

THIRTEEN POINT SURFACE USE PROGRAM

1. EXISTING ROADS

- A. See attached Wellsite Plats showing directional reference stakes on location, and attached TOPO Map "B" showing access to location from existing roads.
- B. The proposed well site is located approximately 15.7 miles southeast of Ouray, Utah See attached TOPO Map "A".
- C. Refer to attached Topographic Map "A" showing labeled access route to location.
- D. Existing roads will be maintained and repaired as necessary. No off lease Right-of-Way will be required.

2. PLANNED ACCESS ROAD

- A. The access road will be approximately 0.3 miles in length. See attached TOPO Map "B".
- B. The access road has a 30 foot ROW w/ 18 foot running surface.
- C. Maximum grade on access road will be 8%.
- D. No turnouts will be required.
- E. Road drainage crossings shall be of the typical dry creek drainage crossing type.
- F. No culverts, bridges, or major cuts and fills will be required.
- G. The access road will be dirt surface.
- H. No gates, cattleguards, or fences will be required or encountered.

New or reconstructed roads will be centerlined - flagged at time of location staking.

All travel will be confined to existing access road Right-of-Way. Access roads and surface disturbing activities will conform to standards outlined in the Bureau of Land Management and Forest Service Publication: <u>Surface Operating Standards For Oil & Gas Exploration and Development</u>, (1989).

The road shall be upgraded to meet the standards of the anticipated traffic flow and all-weather road requirements. Upgrading shall include ditching, drainage, graveling, crowning, and capping the roadbed as necessary to provide a well-constructed safe road. Prior to upgrading, the road shall be cleared of any snow cover and allowed to dry completely. Traveling off the 30 foot Right-of-Way will not be allowed.

Road drainage crossings shall be of the typical dry creek drainage crossing type. Crossings shall be designed so they will not cause siltation or accumulation of debris in the drainage crossings nor shall the drainages be blocked by the roadbed. Diverting water off at frequent intervals by means of cutouts shall prevent erosion of drainage ditches by

run off water. Upgrading shall not be allowed during muddy conditions. Should mud holes develop, they shall be filled in and detours around them avoided. As operator, EOG Resources, Inc. shall be responsible for all maintenance on cattleguards, or gates associated with this oil and/or gas operation.

3. <u>LOCATION OF EXISTING WELLS WITHIN A ONE MILE RADIUS OF PROPOSED WELL LOCATION</u>

- A. Abandoned wells 2*
- B. Producing wells 8*
- C. Shut in wells -2*

(*See attached TOPO map "C" for location)

4. LOCATION OF EXISTING AND/OR PROPOSED FACILITIES

A. ON WELL PAD

- 1. Production facilities will be set on location if the well is successfully completed for production. Facilities will consist of well head valves, separator, dehy, 210 Bbl condensate tank, meter house and attaching piping.
- 2. Gas gathering lines A 3" gathering line will be buried from dehy to the edge of the location.

B. OFF WELL PAD

- 1. Proposed location of attendant off pad flowlines shall be flagged prior to archaeological clearance.
- 2. A 3" OD steel above ground natural gas pipeline will be laid approximately 1543' from proposed location to a point in the SW/NW of Section 17, T10S, R21E, where it will tie into Questar Pipeline Co.'s existing line. Proposed pipeline crosses State of Utah administered lands within the Stagecoach Unit, thus a Right-of-Way grant will be not be required.
- 3. Proposed pipeline will be a 3" OD steel, welded line laid on the surface.
- 4. Protective measures and devices for livestock and wildlife will be taken and/or installed where required.

If storage facilities/tank batteries are constructed on this lease, the facility/battery or the well pad shall be surrounded by a containment dike of sufficient capacity to contain, at a minimum, the entire contents of the largest tank within the facility/battery, unless more stringent protective requirements are deemed necessary by the authorized officer.

The production facilities will be placed on the Southwest side of the location.

5. LOCATION & TYPE OF WATER SUPPLY

- A. Water supply will be from the Ouray Municipal Water Plant at Ouray, Utah, and/or Target Trucking Inc.'s water source in the SW/SW, Section 35, T9S, R22E, Uintah County, Utah (State Water Right #49-1501). Produced water from the Chapita Wells and Stagecoach Units will also be used.
- B. Water will be hauled by a licensed trucking company.
- C. No water well will be drilled on lease.

6. SOURCE OF CONSTRUCTION MATERIAL

- A. All construction material for this location and access road will be of native borrow and soil accumulated during the construction of the location.
- B. No mineral materials will be required.

7. METHODS OF HANDLING WASTE DISPOSAL

A. METHODS AND LOCATION

- 1. Cuttings will be confined in the reserve pit.
- 2. A portable toilet will be provided for human waste during the drilling and completion of the well. Disposal will be at the Vernal sewage disposal plant.
- 3. Burning will not be allowed. Trash and other waste material will be contained in a wire mesh cage and disposed of at the Uintah County landfill.
- 4. Produced wastewater will be confined to a lined pit or storage tank for a period not to exceed 90 days after initial production. After the 90 day period, the produced water will be contained in a tank on location and then disposed of at one of the following three locations: Natural Buttes Unit 21-20B SWD, Ace Disposal, or EOG Resources, Inc. drilling operations (Chapita Wells Unit, Natural Buttes Unit & Stagecoach Unit).
- 5. All chemicals will be disposed of at an authorized disposal site. Drip pans and absorbent pads will be used on the drilling rig to avoid leakage of oil to the pit.
- B. Water from drilling fluids and recovered during testing operations will be disposed of by either evaporating in the reserve pit or be removed and disposed of at an authorized disposal site. Introduction of well bore hydrocarbons to the reserve pit will be avoided by flaring them off in the flare pit at the time of recovery.

The reserve pit will be constructed so as not to leak, break, or allow discharge.

8. ANCILLARY FACILITIES

A. No airstrips or camps are planned for this well.

9. WELLSITE LAYOUT

- A. Refer to attached well site plat for related topography cuts and fills and cross sections.
- B. Refer to attached well site plat for rig layout and soil material stockpile location as approved on On-site.
- C. Refer to attached well site plat for rig orientation, parking areas, and access road.

The reserve pit will be located on the Southwest side of the location. The flare pit will be located downwind of the prevailing wind direction on the West side of the location, a minimum of 100 feet from the well head and 30 feet from the reserve pit fence.

The stockpiled topsoil will be stored between Corners #2 & #3 and Southwest of Corner #6.

Access to the well pad will be from the Northeast.

Corners #2 & #8 will be rounded off to minimize excavation.

FENCING REQUIREMENTS:

All pits will be fenced according to the following minimum standards:

- A. Thirty-nine inch net wire shall be used with at least one strand of barbed wire on top of the net wire. (Barbed wire is not necessary if pipe or some type of reinforcement rod is attached to the top of the entire fence).
- B. The net wire shall be no more than 2 inches above the ground. The barbed wire strand shall be 3 inches above the net wire. Total height of the fence shall be at least 42 inches.
- C. Corner posts shall be cemented and/or braced in such a manner as to keep the fence tight at all times.
- D. Standard steel, wood, or pipe posts shall be used between the corner braces. Maximum distance between any two posts shall be no greater than 16 feet.
- E. All wire shall be stretched by using a stretching device before it is attached to the corner posts.

The reserve pit fencing will be on the three sides during drilling operations and on the fourth side when the rig moves off the location. Pits will be fenced and maintained until clean-up.

10. PLANS FOR RESTORATION OF SURFACE

A. PRODUCING LOCATION

Immediately upon well completion, the location and surrounding area will be cleared of all unused tubing, equipment, debris, materials, trash, and junk not required for production.

Immediately upon well completion, any hydrocarbons on the pit shall be removed in accordance with CFR 3162.7-1.

If a plastic nylon reinforced liner is used, it shall be torn and perforated before backfilling of the reserve pit.

11. SURFACE OWNERSHIP

Access road: State of Utah Location: State of Utah

12. OTHER INFORMATION

A. EOG Resources, Inc. will inform all persons in the area who are associated with this project that they are subject to prosecution for knowingly disturbing historic or archaeological sites, or for collecting artifacts. If historic or archaeological materials are uncovered during construction, the operator will immediately stop work that might further disturb such materials, and contact the AO. Within five working days the AO will inform the operator as to:

-whether the materials appear eligible for the National Register of Historic Places;

-the mitigation measures the operator will likely have to undertake before the site can be used.

-a time frame for the AO to complete an expedited review under 36 CFR 800.11 to confirm, through the State Historic Preservation Officer, that the findings of the AO are correct and that mitigation is appropriate.

If the operator wished, at any time, to relocate activities to avoid the expense of mitigation and/or the delays associated with this process, the AO will assume responsibility for whatever recordation and stabilization of the exposed materials that may be required. Otherwise, the operator will be responsible for mitigation costs. The AO will provide technical and procedural guidelines for the conduct of mitigation. Upon verification from the AO that required mitigation has been completed, the operator will then be allowed to resume construction.

LESSEE'S OR OPERATOR'S REPRESENTATIVE AND CERTIFICATION

PERMITTING AGENT

Ed Trotter
P.O. Box 1910
Vernal, UT 84078
Telephone (425)780 412

Telephone: (435)789-4120 Fax: (435)789-1420

DRILLING OPERATIONS

Donald Presenkowski EOG Resources, Inc.

P.O. Box 250

Big Piney, WY 83113 Telephone: (307)276-4865

All lease or unit operations will be conducted in such a manner that full compliance is made with all applicable laws, regulations, Onshore Oil and Gas Orders, the approval plan of operations, and any applicable Notice to Lessees. EOG Resources, Inc. is fully responsible for the actions of their subcontractors. A copy of these conditions will be furnished to the field representative to insure compliance.

Certification

I hereby certify that I, or persons under my direct supervision, have inspected the proposed drillsite and access route; that I am familiar with the conditions that presently exist; that the statements made in the Plan are, to the best of my knowledge, true and correct; and that the work associated with the operations proposed herein will be performed by EOG Resources, Inc. and its contractors and subcontractors in conformity with this Plan and the terms and conditions under which it is approved.

8-15-2003 Date

Agent

EOG RESOURCES, INC. NBU #535-17E SECTION 17, T10S, R21E, S.L.B.&M.

PROCEED IN A WESTERLY DIRECTION FROM VERNAL, UTAH ALONG U.S. HIGHWAY 40 APPROXIMATELY 14.0 MILES TO THE JUNCTION OF STATE HIGHWAY 88; EXIT LEFT AND PROCEED IN A SOUTHERLY DIRECTION APPROXIMATELY 17.0 MILES TO OURAY, UTAH, PROCEED IN A SOUTHERLY. THEN SOUTHEASTERLY DIRECTION APPROXIMATELY 11.2 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE EAST; TURN LEFT AND PROCEED IN AN EASTERLY, THEN SOUTHEASTERLY DIRECTION APPROXIMATELY 3.3 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE SOUTHEAST; TURN RIGHT AND PROCEED IN A SOUTHEASTERLY, THEN SOUTHERLY DIRECTION APPROXIMATELY 0.2 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE WEST; TURN RIGHT AND PROCEED IN A WESTERLY, THEN NORTHWESTERLY DIRECTION APPROXIMATELY 0.7 MILES TO THE BEGINNING OF THE PROPOSED ACCESS TO THE SOUTHWEST; FOLLOW ROAD FLAGS IN A SOUTHWESTERLY, THEN NORTHWESTERLY DIRECTION APPROXIMATELY 0.3 MILES TO THE PROPOSED LOCATION.

TOTAL DISTANCE FROM VERNAL, UTAH TO THE PROPOSED WELL LOCATION IS APPROXIMATELY 46.7 MILES.

3000 PSIG DIAGRAM

ANNULAR PREVENTOR AND BOTH RAMS ARE 3000 PSIG RATED. CASING FLANGE IS 11" 3000 PSIG RATED. **ROTATING HEAD** BOPE 11" 3000 PSIG TESTING PROCEDURE: FLOW LINE 1. BOPE's will be tested with a professional tester to conform to Onshore Order #2 with retest every 14 days. 2. Blind & Pipe rams will be tested to rated working pressure, 3000 psig. 3. Annular preventor will be tested to 50% of working pressure, 1500 psig. **ANNULAR** 4. Casing will be tested to 0.22 psi/ft. or 1500 psig. Not to exceed 70% of burst **PREVENTER** strength, whichever is greater. 5. All lines subject to well pressure will be pressure-tested to the same pressure as blind & pipe rams. 6. All BOPE specifications and configurations will meet Onshore Order #2 requirements for 3000 psig BOPE specifications. PIPE RAMS **CHOKE MANIFOLD** 2" MIN ADJUSTABLE CHOKE TO MUD/GAS SEPARATOR OR PIT **BLIND RAMS** 3" MINIMUM RATED **3000 PSIG** 2" KILL LINE 3" MINIMUM BLEED LINE TO PIT 3" DIAMETER **CASING** \FLANGE(2" MINIMUM SPOOL 11" 3000 PSIG TO MUD/GAS SEPARATOR ADJUSTABLE CHOKE **OR PIT**

EOG RESOURCES, INC.

NBU #535-17E LOCATED IN UINTAH COUNTY, UTAH **SECTION 17, T10S, R21E, S.L.B.&M.**

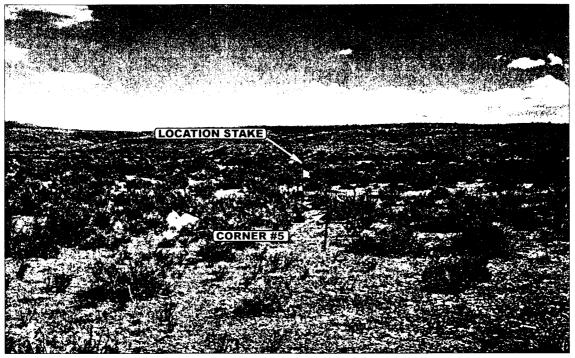


PHOTO: VIEW FROM CORNER #5 TO LOCATION STAKE

CAMERA ANGLE: SOUTHEASTERLY

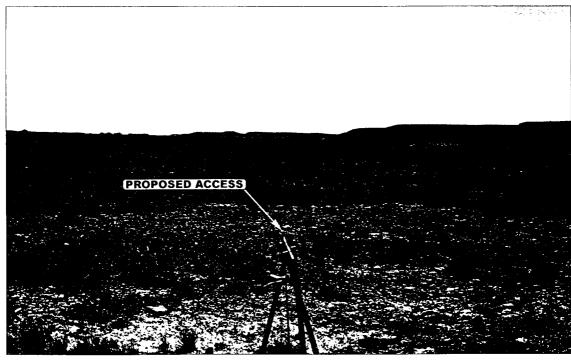


PHOTO: VIEW FROM BEGINNING OF PROPOSED ACCESS

CAMERA ANGLE: SOUTHWESTERLY

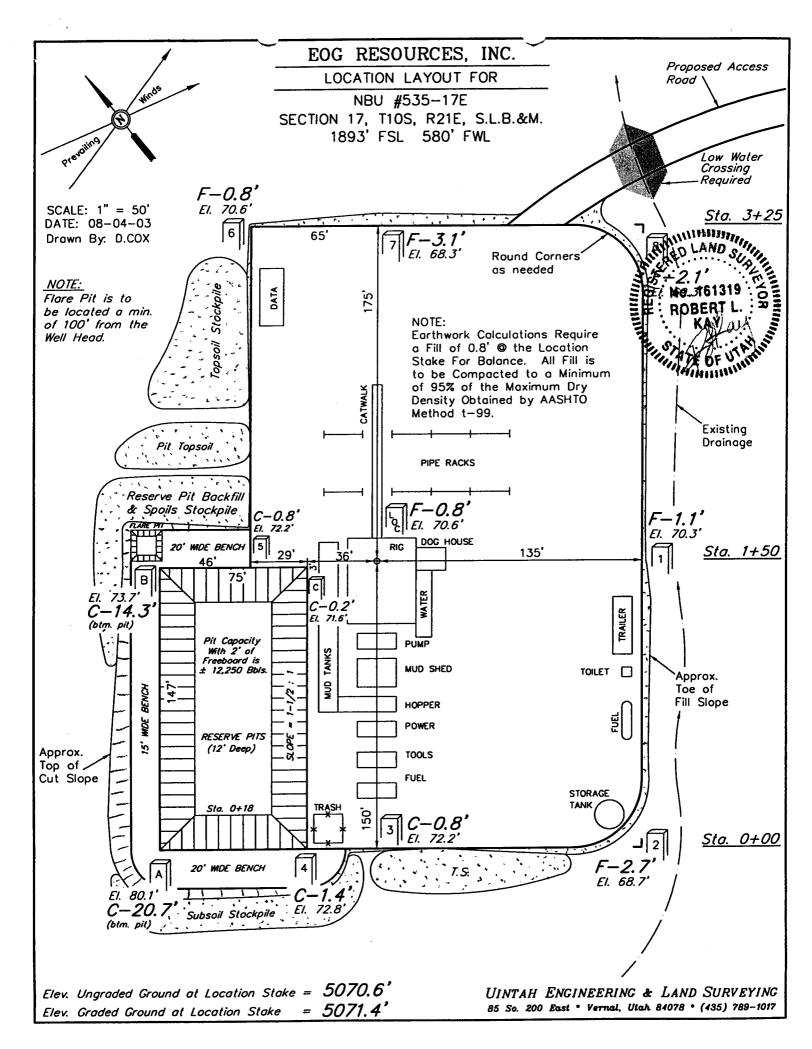


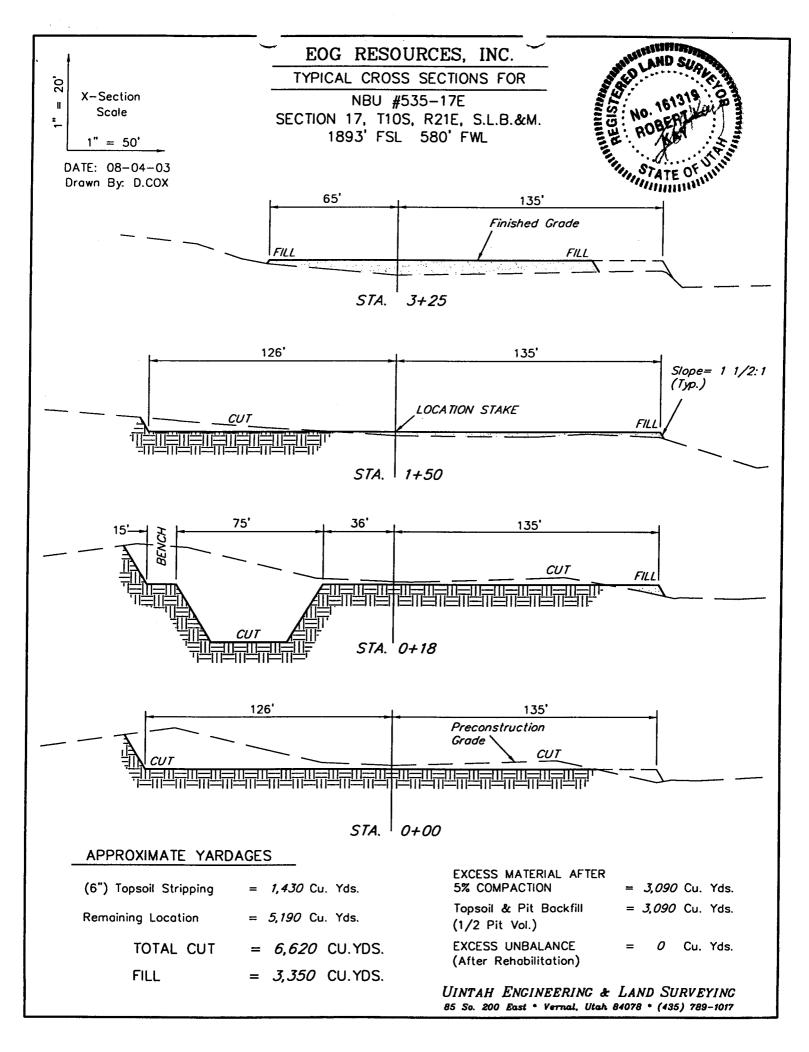
Uintah Engineering & Land Surveying 85 South 200 East Vernal, Utah 84078 435-789-1017 uels@uelsinc.com

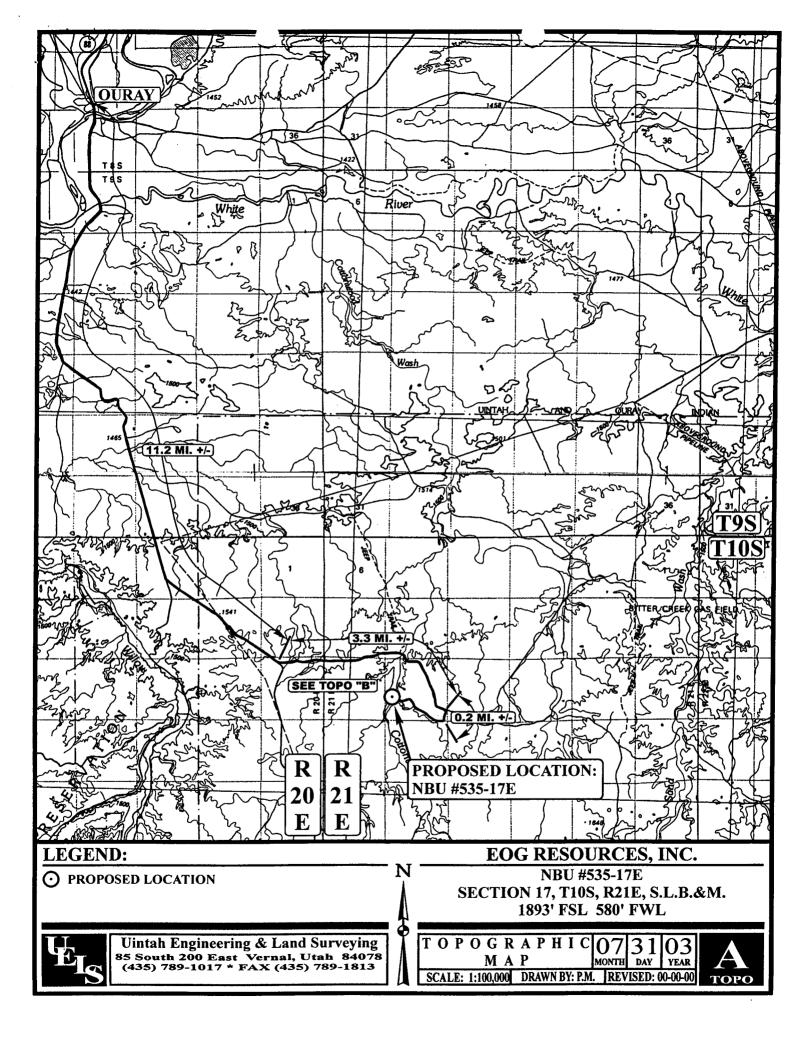
LOCATION PHOTOS

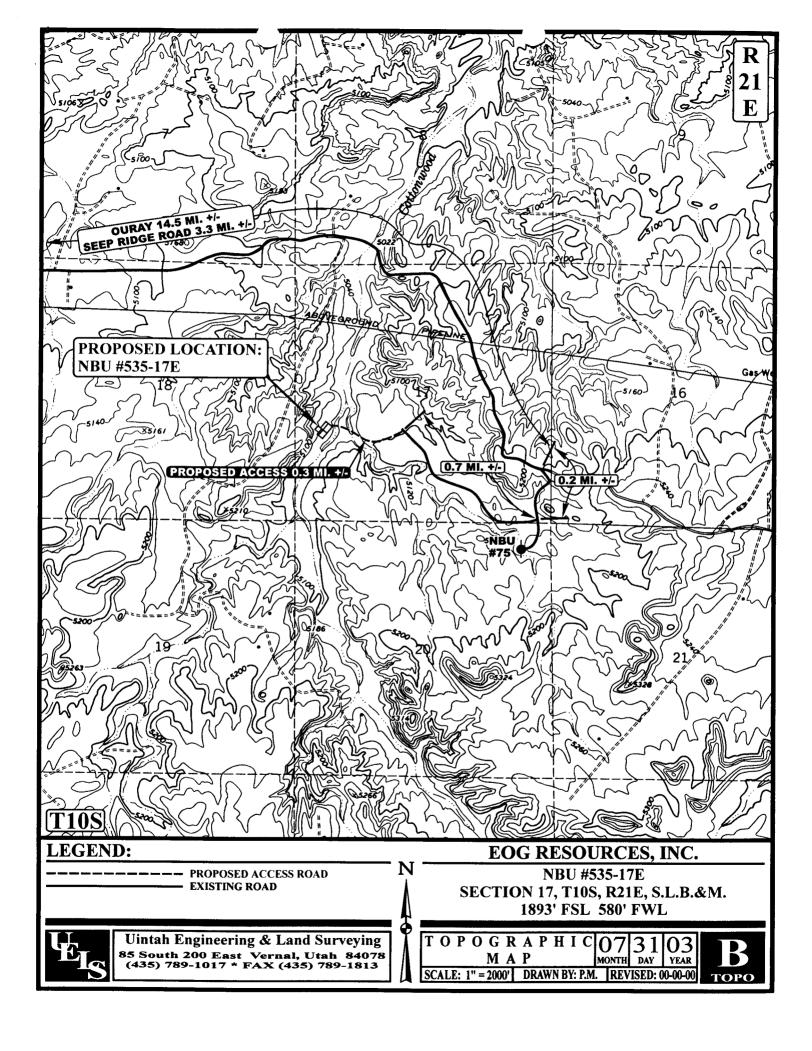
07 31 03 MONTH DAY YEAR TAKEN BY: K.K. DRAWN BY: P.M. REVISED: 00-00-00

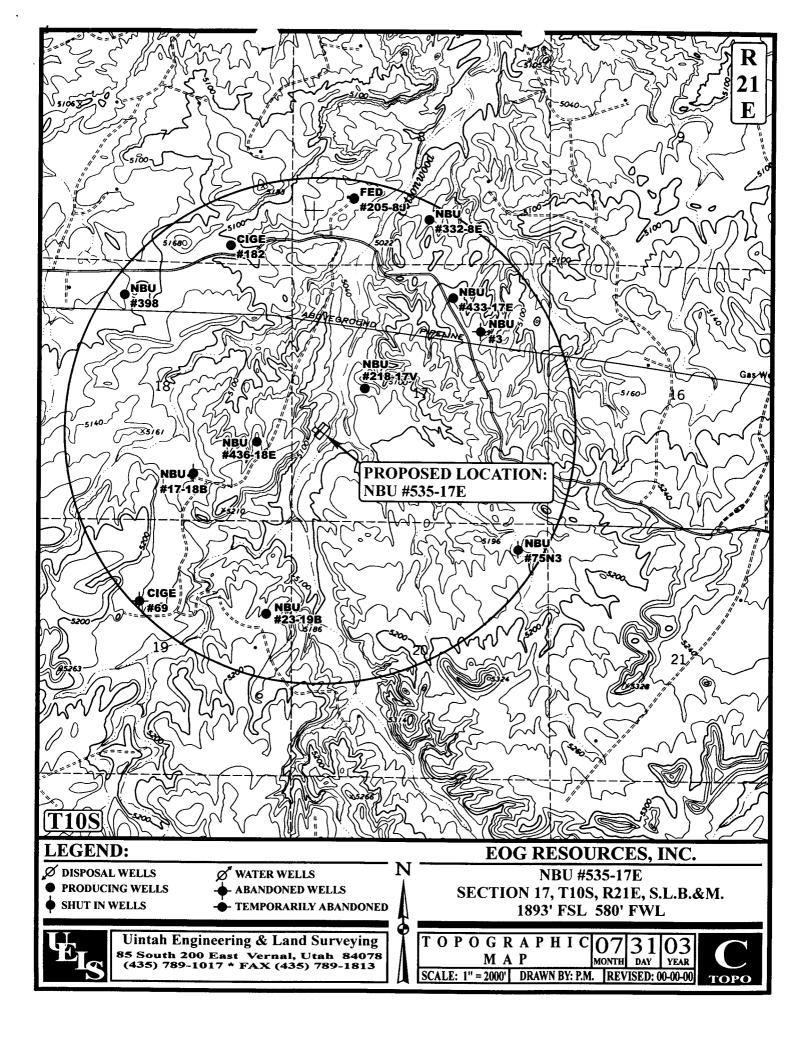
РНОТО

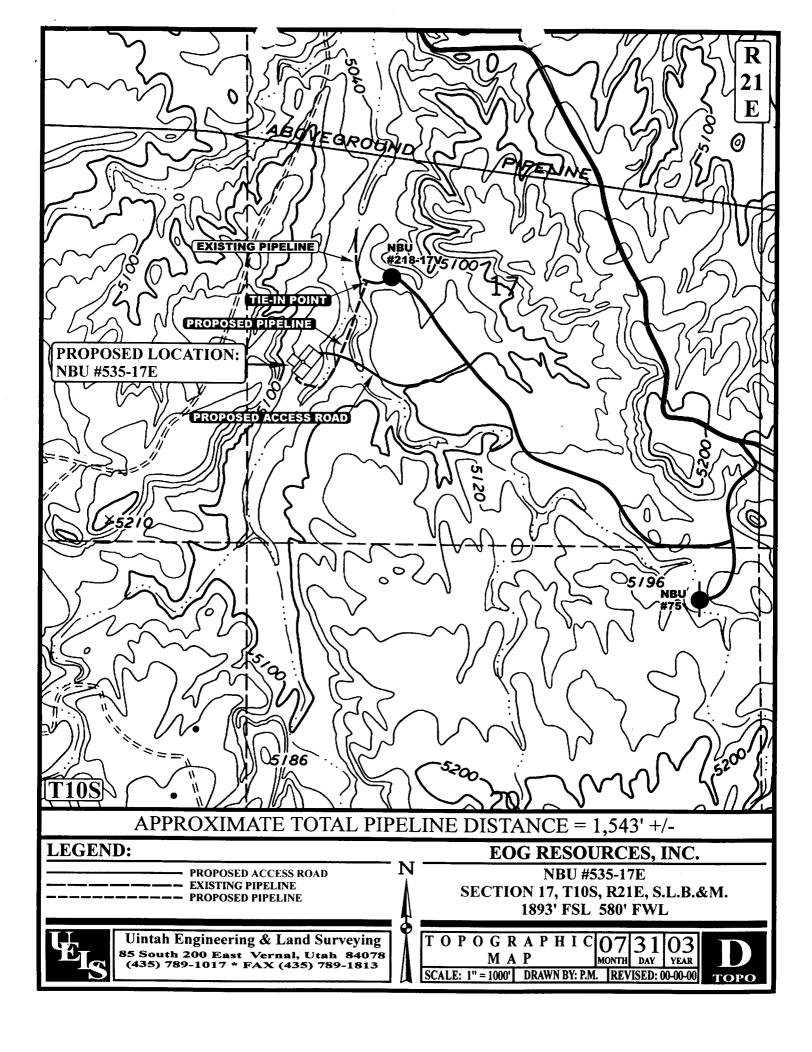












From:

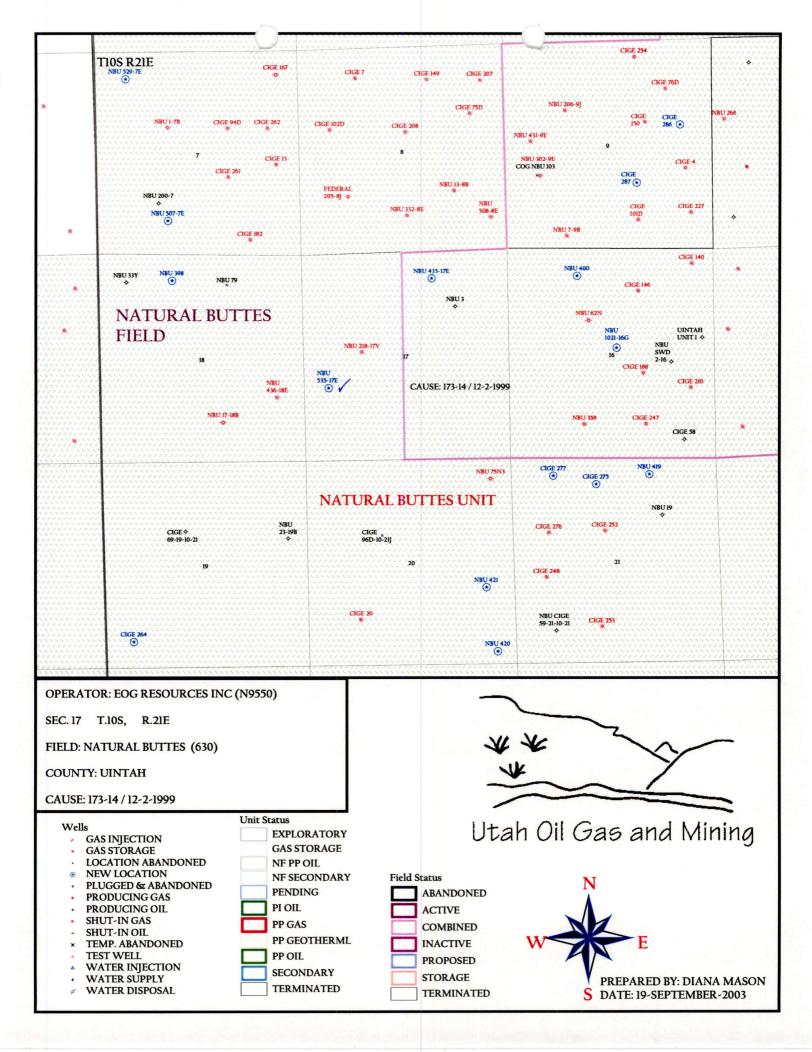
Diana Whitney

PER ED BONNER 8/4

Westport O&G Co	43-047-35788	State 920-360 HOLD	
Westport O&G Co	43-047-35789	State 1022-20 HOLD	
Westport O&G Co	43-007-30966	N Bench St 24-18	OK TO GO
EOG Resources	43-047-35806	STATE 1-16 HOLD	
Westport O&G Co	43-047-35810	STATE 1022-36E	OK TO GO
Inland Production	43-047-35811	STATE 1-16-9-18	OK TO GO
Inland Production	43-047-35812	STATE 2-16-9-19	OK TO GO
Inland Production	43-047-35813	STATE 3-16-9-20	OK TO GO
Inland Production	43-047-35814	STATE 4-16-9-21	OK TO GO
Inland Production	43-047-35815	STATE 5-16-9-22	OK TO GO
Inland Production	43-047-35816	STATE 6-16-9-23	OK TO GO
Inland Production	43-047-35817	STATE 7-16-9-24	HOLD
Inland Production	43-047-35818	STATE 8-16-9-25	OK TO GO
Inland Production	43-047-35819	STATE 9-16-9-26	OK TO GO
Inland Production	43-047-35820	STATE 10-16-9-27	OK TO GO
Inland Production	43-047-35822	STATE 11-16-9-28	OK TO GO
Inland Production	43-047-35823	STATE 12-16-9-29	OK TO GO
Inland Production	43-047-35824	STATE 13-16-9-30	OK TO GO
Inland Production	43-047-35825	STATE 14-16-9-31	HOLD
Inland Production	43-047-35826	STATE 15-16-9-32	OK TO GO
Inland Production	43-047-35827	STATE 16-16-9-33	OK TO GO
CDX Rockies LLC	43-047-35828	St. Atchee 36-12-25 #1	OK TO GO
EOG Resources	43-013-32594	Pete's Wash 2-32 HO	
MSC Exploration 43	-019-31402	Cactus Rise MSC 2-1	HOLD
Merrion O&G Corp	43-015-30557	Fuzzball 1 OK TO GO)
QEP Uinta Basin Inc	43-047-35684	CWU 4MU-32-8-24 H	
Westport O&G Co	43-047-35657	NBU 922-311 OK TO	GO
Dominion Expl 43-047	-35612 WHB 1	4-36E HOLD	
Dominion Expl 43-047	-35613 LCU 12		
EOG Resources	43-047-35203	CWU 853-32 HOLD	
EOG Resources	43-047-35200	NBU 535-17E OK TO	
Chevron Usa Inc.	43-015-30609	State of Utah HH 23-16	6 HOLD

WORKSHEET APPLICATION FOR PERMIT TO DRILL

APD RECEIVE	D: 09/16/2003	API NO. ASSIGN	ED: 43-047-3520	00
WELL NAME: OPERATOR: CONTACT:	NBU 535-17E EOG RESOURCES INC (N9550) ED TROTTER	PHONE NUMBER: 4	35-789-4120	
PROPOSED LO		INSPECT LOCATION	1 BY: / /	
	17 100S 210E : 1893 FSL 0580 FWL	Tech Review	Initials	Date
BOTTOM: UINTAH	1893 FSL 0580 FWL	Engineering	(
NATURAL	BUTTES (630)	Geology	E CONTRACTOR OF THE CONTRACTOR	
	1 - Federal	Surface		
SURFACE OWN	R: U-02270-A MER: 3 - State RMATION: WSTC		4562 58255	
Plat Bond: (No. No. Potas Violit S Water (No. RDCC (Dat	hale 190-5 (B) or 190-3 or 190-13 Permit 49-1501) Review (Y/N)	R649-3-3. Drilling Un. Board Cause Eff Date:	TES General Trom Qtr/Qtr & 920' Exception it	4 199 comm, Tract
COMMENTS: _	Muds Print (10-	14-03)		
STIPULATION	15: 1- Fodera Capprosi (Z- OIL SHALE 3- STONEMENT E) of Basis		



ON-SITE PREDRILL EVALUATION Division of Oil, Gas and Mining

OPERATOR:	EOG RES	SOURCES	INC								
WELL NAME	& NUMBE	R: NAT	URAL	BUTTE	S UNIT	535-1°	7E				
API NUMBER	:43-047-	-35200									
LEASE: U-0	2270-A		FIEL	D/UNI	T: NA	rural i	BUTTES				
LOCATION:	1/4,1/4	NW/SW	Sec:_	<u>17</u> TW	P: <u>10s</u> I	RNG : 21	<u>LE</u>	<u>580′</u>	FWL _	<u> 1893'</u>	FSI
LEGAL WELL											
GPS COORD	(UTM): (621094E	442	2478N	SURFAC	CE OWNI	ER: S'	TATE O	F UT	AH.	

PARTICIPANTS

DAVID W. HACKFORD (DOGM), ED TROTTER (EOG), FLOYD BARTLETT (DWR).

REGIONAL/LOCAL SETTING & TOPOGRAPHY

SITE IS IN THE BOTTOM OF COTTONWOOD WASH. THE SLOPES TO THIS WASH ARE MODERATELY STEEP AND THE WEST SLOPE HAS SANDSTONE CLIFFS 300' SOUTH OF SITE. THE DRY WATERCOURSE IN THE BOTTOM OF THIS WASH RUNS TO THE NORTH AND IS EAST OF AND ADJACENT TO THE PROPOSED LOCATION. OURAY, UTAH IS 15.7 MILES TO THE NORTHWEST.

SURFACE USE PLAN

CURRENT SURFACE USE: WILDLIFE AND LIVESTOCK GRAZING, HUNTING.

PROPOSED SURFACE DISTURBANCE: LOCATION WILL BE 325' BY 246'. PROPOSED ACCESS IS 0.3 MILES.

LOCATION OF EXISTING WELLS WITHIN A 1 MILE RADIUS: SEE ATTACHED MAP FROM GIS DATABASE.

LOCATION OF PRODUCTION FACILITIES AND PIPELINES: <u>NEW PRODUCTION</u>
FACILITIES WILL BE ON LOCATION AND ADDED AFTER DRILLING WELL. A GAS
PIPELINE WILL GO TO THE NORTHEST TO THE NBU 218-17V.

SOURCE OF CONSTRUCTION MATERIAL: <u>ALL CONSTRUCTION MATERIAL WILL BE</u> BORROWED FROM SITE <u>DURING CONSTRUCTION</u>.

ANCILLARY FACILITIES: NONE WILL BE REQUIRED.

WASTE MANAGEMENT PLAN:

DRILLED CUTTINGS WILL BE SETTLED INTO RESERVE PIT. LIQUIDS FROM PIT WILL BE ALLOWED TO EVAPORATE. FORMATION WATER WILL BE CONFINED TO STORAGE TANKS. SEWAGE FACILITIES, STORAGE AND DISPOSAL WILL BE HANDLED BY COMMERCIAL CONTRACTOR. TRASH WILL BE CONTAINED IN TRASH BASKETS AND HAULED TO AN APPROVED LAND FILL.

ENVIRONMENTAL PARAMETERS

AFFECTED FLOODPLAINS AND/OR WETLANDS: NONE

FLORA/FAUNA: SAGEBRUSH, SHADSCALE, PRICKLEY PEAR, GREASEWOOD, INDIAN RICEGRASS: PRONGHORN, COYOTES, SONGBIRDS, RAPTORS, RODENTS, RABBITS.

SOIL TYPE AND CHARACTERISTICS: LIGHT BROWN SANDY CLAY.

EROSION/SEDIMENTATION/STABILITY: <u>VERY LITTLE NATURAL EROSION</u> .
SEDIMENTATION AND STABILITY ARE NOT A PROBLEM AND LOCATION CONSTRUCTION
SHOULDN'T CAUSE AN INCREASE IN STABILITY OR EROSION PROBLEMS.
PALEONTOLOGICAL POTENTIAL: NONE OBSERVED.
RESERVE PIT
CHARACTERISTICS: 147' BY 75' AND 12' DEEP.
LINER REQUIREMENTS (Site Ranking Form attached): A LINER WILL NOT BE REQUIRED FOR THE RESERVE PIT.
SURFACE RESTORATION/RECLAMATION PLAN: AS PER S.I.T.L.A.
SURFACE AGREEMENT: AS PER STATE OF UTAH
CULTURAL RESOURCES/ARCHAEOLOGY: SITE HAS BEEN INSPECTED BY JIM TRUESDALE.
OTHER OBSERVATIONS/COMMENTS
THIS PREDRILL INVESTIGATION WAS CONDUCTED ON A WARM, SUNNY DAY WITH NO SNOW COVER.
<u>ATTACHMENTS</u>
PHOTOS OF THIS SITE WERE TAKEN AND PLACED ON FILE.
DAVID W. HACKFORD 10/14/03 10:45 AM
DOGM REPRESENTATIVE DATE/TIME

Etwiuation Ranking Criteria and Ranking Score For Reserve and Onsite Pit Liner Requirements

Site-Specific Factors	Ranking	Site Ranking
Distance to Groundwater (feet)		
>200	0 5	
100 to 200 75 to 100	10	
25 to 75	15	
<25 or recharge area	20	5
Distance to Surf. Water (feet) >1000	0	
300 to 1000	2	
200 to 300	10	
100 to 200	15	0
< 100	20	0
Distance to Nearest Municipal Well (feet)		
>5280	0	
1320 to 5280	5	
500 to 1320 <500	10 20	0
1300	20	
Distance to Other Wells (feet)	_	
>1320	0 10	
300 to 1320 <300	20	0
1300	20	
Native Soil Type	0	
Low permeability Mod. permeability	0 10	
High permeability	20	0
		_
Fluid Type Air/mist	0	
Fresh Water	5	
TDS >5000 and <10000	10	
TDS >10000 or Oil Base Mud Fluid	15	
containing significant levels of	20	-
hazardous constituents	20	5
Drill Cuttings		
Normal Rock	0	
Salt or detrimental	10	0
Annual Precipitation (inches)		
<10	0	
10 to 20	5	0
>20	10	
Affected Populations		
<10	0	
10 to 30	6 8	
30 to 50 >50	10	0
Presence of Nearby Utility		
Conduits	0	
Not Present Unknown	0 10	
Present	15	0

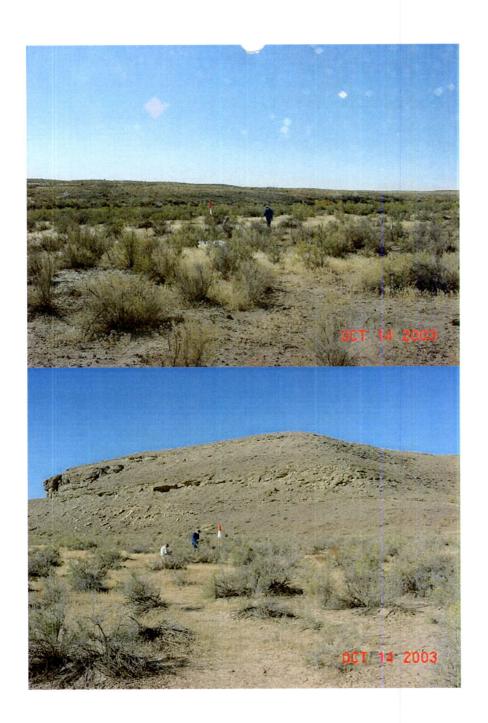
_______ (Level III Sensitivity)

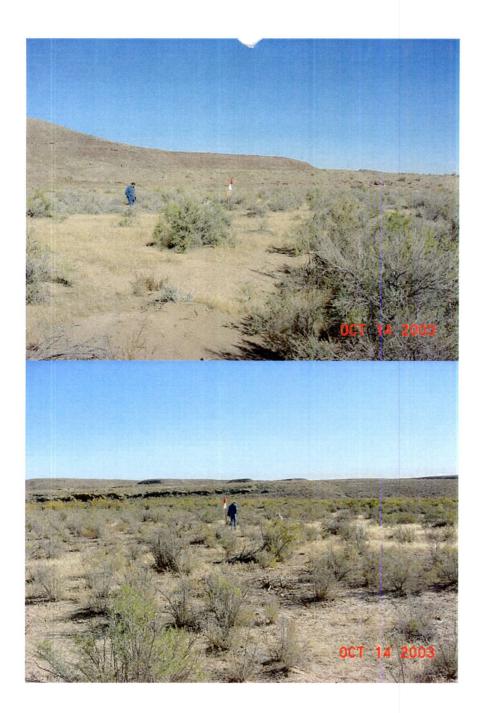
Sensitivity Level I = 20 or more; total containment is required.

Sensitivity Level II = 15-19; lining is discretionary.

Final Score

Sensitivity Level III = below 15; no specific lining is required.





DIVISION OF OIL, GAS AND MINING APPLICATION FOR PERMIT TO DRILL STATEMENT OF BASIS

OPERATOR:	EOG RESO	URCES, INC.		
WELL NAME & NUMBER:_	NATURAL BUTTE	ES UNIT 535-17E	4-14-14-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1	
API NUMBER:	43-047-35200			
LOCATION: 1/4,1/4 NW/SW	Sec: <u>17</u> TWP: <u>10S</u> RNG:	: <u>21E _580'</u> FWL _	<u>1893'</u> FSL	
Geology/Ground Water:		,		
The mineral rights at the propose	ed location are owned by	the BLM. The BL	M will evaluate the pro	posed casing
and cementing program prior to	well approval.			
Reviewer:Br	rad Hill	Date: 10-23-2	2003	
Surface:				
The predrill investigation of the				-
of Utah. S.I.T.L.A. and D.W.R		_		
D.W.R. S.I.T.L.A. did not have a			-	
this location or the drilling of thi could be a raptor nest or perhap				
climbing equipment and establish				
couldn't return until possibly the				
mix to be used when the reserve		Dartiott gave ivii.	Tiottor (DOO) a D VIII a	pproved
The state of the s				
Reviewer: <u>Davi</u>	id W. Hackford	Date: 10/2	<u>23/03</u>	
Conditions of Approval/Applic	<u>cation for Permit to Dri</u>	<u>II:</u>		

None.

EOG Resources, Inc. P.O. 1910 Vernal, UT 84078

March 1, 2004

Utah Division of Oil, Gas, & Mining 1594 West North Temple, Suite 1210 P.O. Box 145801 Salt Lake City, UT 84114-5801

> RE: APPLICATION FOR PERMIT TO DRILL NATURAL BUTTES UNIT 535-17E NW/SW, SEC. 17, T10S, R21E UINTAH COUNTY, UTAH LEASE NO.: U-02270-A UTAH STATE LANDS

Enclosed please find a copy of the revised TOPO Maps "A", "B", and "D" for the referenced well. These revised maps reflect the changes in the access road and pipeline. Please slip-sheet these pages into the APD that was submitted September 5, 2003.

Please address further communication regarding this matter (including approval) to:

Ed Trotter
P.O. Box 1910
Vernal, UT 84078
Phone: (435)789 412

Phone: (435)789-4120 Fax: (435)789-1420

Sincerely,

Ed Trotte

Agent

EOG Resources, Inc.

Attachments

RECEIVED

MAR 0 3 2004

DIV. OF OIL, GAS & MINE



139.00 10 10-

EOG Resources, Inc. 600 Seventeenth Street Suite 1100N Denver, CO 80202 (303) 572-9000 Fax: (303) 824-5400

2022

September 23, 2003

Utah State Office Bureau of Land Management P.O. Box 45155 Salt Lake City, Utah 84145-0155

Attn:

Mr. Robert A. Henricks

Chief, Branch of Fluid Minerals

RE:

Designation of Agent Natural Buttes Unit Uintah County, Utah Natural Buttes Prospect 1540-AA29, 0050620-000

and 0050623-000

Gentlemen:

Enclosed, for your approval, are three (3) copies of a Designation of Agent pertaining to EOG Resources, Inc.'s ("EÓG") proposed NBU 437-18E, NBU 535-17E, NBU 536-18E and NBU 537-18E wells. All copies have been originally executed on behalf of Westport Oil and Gas Company, L.P.

When approved, please forward the approved Designation of Agent to my attention at the letterhead address (not to EOG's Vernal, Utah, office as identified on the face of this Designation of Agent).

If anything further is needed in connection with this matter, please contact the undersigned at . (303) 824-5430.

Sincerely,

EOG RESOURCES, INC.

Debbie Spears Sr Land Technician

/das **Enclosures** StUt-Agent.doc

CC:

Vernal District, BLM (with copy of enclosure)

Division of Oil, Gas and Mining (with copy of enclosure)

Ed Trotter (with copy of enclosure) Jim Schaefer (with copy of enclosure) George McBride (with copy of enclosure)

Bruce Johnston, Westport Oil and Gas Company, L.P. (with copy of enclosure)

RECEIVED

SEP 2 6 2003

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EXHIBIT "A"

Attached to and made a part of that certain Designation of Agent dated <u>September 17,</u> 2003 2003, from Westport Oil and Gas Company, L.P. to EOG Resources, Inc.

	WELL NAME		LOCATION			
		DIV	SEC	TWP	RGE	
	NBU 437-18E	SESE	18	10	21	
	NBU 535-17E	NWSW	17	10	21	
	NBU 536-18E	SESW	18	10	21	
43-047-35253	NBU 537-18E	NWSE	18	10	21	

All Township and Range references are South and East of the Salt Lake Meridian in Uintah County, Utah.

Desofagent-nbu



State of Utah

Department of Natural Resources

ROBERT L. MORGAN Executive Director

Division of Oil, Gas & Mining

LOWELL P. BRAXTON
Division Director

OLENE S. WALKER
Governor

GAYLE F. McKEACHNIE
Lieutenant Governor

August 4, 2004

EOG Resources, Inc. P O Box 1910 Vernal, UT 84078

Re: Natural Buttes Unit 535-17E Well, 1893' FSL, 580' FWL, NW SW, Sec. 17, T. 10 South, R. 21 East, Uintah County, Utah

Gentlemen:

Pursuant to the provisions and requirements of Utah Code Ann.§ 40-6-1 et seq., Utah Administrative Code R649-3-1 et seq., and the attached Conditions of Approval, approval to drill the referenced well is granted.

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-047-35200.

-Sincerely,

John R. Baza
Associate Director

pab Enclosures

cc: Uintah County Assessor

SITLA

Operator:	EOG Resources, Inc.	
Well Name & Number	Natural Buttes Unit 535-17E	
API Number:	43-047-35200	
Lease:	U-02270-A	

Location: NW SW Sec. 17 T. 10 South R. 21 East

Conditions of Approval

1. General

Compliance with the requirements of Utah Admin. R. 649-1 *et seq.*, the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for permit to drill.

2. Notification Requirements

The operator is required to notify the Division of Oil, Gas and Mining of the following actions during drilling of this well:

- 24 hours prior to cementing or testing casing
- 24 hours prior to testing blowout prevention equipment
- 24 hours prior to spudding the well
- within 24 hours of any emergency changes made to the approved drilling program
- prior to commencing operations to plug and abandon the well

The following are Division of Oil, Gas and Mining contacts and their work telephone numbers (please leave a voice mail message if the person is not available to take the call):

- Dan Jarvis at (801) 538-5338
- Carol Daniels at (801) 538-5284 (spud)

3. Reporting Requirements

All required reports, forms and submittals will be promptly filed with the Division, including but not limited to the Entity Action Form (Form 6), Report of Water Encountered During Drilling (Form 7), Weekly Progress Reports for drilling and completion operations, and Sundry Notices and Reports on Wells requesting approval of change of plans or other operational actions.

- 4. Compliance with the State of Utah Antiquities Act forbids disturbance of archeological, historical, or paleontological remains. Should archeological, historical or paleontological remains be encountered during your operations, you are required to immediately suspend all operations and immediately inform the Trust Lands Administration and the Division of State History of the discovery of such remains.
- 5. Compliance with the Conditions of Approval/Application for Permit to Drill outlined in the Statement of Basis. (Copy Attached)
- 6. State approval of this well does not supersede the required federal approval, which must be obtained prior to drilling.

Page 2 API #43-047-35200 August 4, 2004

7. In accordance with Order in Cause No. 190-5(b) dated October 28, 1982, the Operator shall comply with requirements of Rules R649-3-31 and R649-3-27 pertaining to Designated Oil Shale Areas. Additionally, the operator shall ensure that the surface and/or production casing is properly cemented over the entire oil shale interval as defined by Rule R649-3-31. The Operator shall report the actual depth the oil shale is encountered to the Division.

Form 3160-3

FORM A	PROV	ΈD
OM AD MO	1004	A12

UNITED STATES OMB NO. 1004-0136 (August 1999) DEPARTMENT OF THE INTERIOR 5. Lease serial No. **BUREAU OF LAND MANAGEMENT** U-02270-A 0.05APPLICATION FOR PERMIT TO DRILL OR REENTER 6. If Indian, Allottee or Tribe name ☐ REENTER la. TYPE OF WORK X DRILL 7. If Unit or CA Agreement, Name and No. NATURAL BUTTES UNIT ☐ Other ☐Oil Well ☒ Gas Well b. TYPE OF WELL 8. Lease Name and Well No. 2. Name of Operator NATURAL BUTTES UNIT 535-17E EOG RESOURCES, INC. SEP 1 5 2003 3a. Address P.O. BOX 1910, VERNAL, UT 84078 3b.Telephone Number: (435)789-4120 10. Field and pool, or Exploratory NATURAL BUTTES 11. Sec., T., R., M., or BLK. And survey of area 4. Location of Well (Report location clearly and in accordance with any State requirements.*) SEC. 17, T10S, R21E, S.L.B.&M. NW/SW 1893' FSL & 580' FWL At proposed prod. Zone 12. County or parish 13. State 14. Distance in miles and direction from nearest town or post office* UINTAH UTAH 15.7 MILES SOUTHEAST OF OURAY, UTAH 17. Spacing Unit dedicated to this well 16. No. of acres in lease 15. Distance from proposed location to nearest 580' 2167 property or lease line, ft. (Also to nearest drig. Unit line, if any) 20. BLM/BIA Bond No. on file 19. Proposed depth 18. Distance from proposed location* to nearest well, drilling, completed, 6050 See Map C #NM 2308 or applied for, on this lease, ft. RECEIVED 23. Estimated duration 22. Approx. date work will start* 21. Elevations (show whether DF, KDB, RT, GL, etc. SEP 0 7 2004 UPON APPROVAL 5071.4 FEET GRADED GROUND DIV. OF OIL, GAS & MINING Attachments The following, completed in accordance with the requirements of Onshore Oil and Gas Order No. 1, shall be attached to this form: 4. Bond to cover the operations unless covered by an existing bond on file 1. Well plat certified by a registered surveyor. (see item 20 above). A Drilling Plan 2. A Surface Use Plan (if the location is on National Forest System lands, the 5. Operator certification. 6. Such other site specific information and/or plans as may be required by the SUPO shall be filed with the appropriate Forest Service Office. Authorized officer. Name (Printed/ Typed) 25. Signature September 5, 2003 **Ed Trotter** Title Name (Printed/Typed) Office Mineral Resources Application approval does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to

conduct operations thereon.

Conditions of approval, if any, are attached

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

*(Instructions of reverse) trong we start TM0765A

COAs Page 1 of 6 Well No.: NBU 535-17E

CONDITIONS OF APPROVAL APPLICATION FOR PERMIT TO DRILL

Company/Operator:

EOG Resources, Inc.

Well Name & Number: NBU 535-17E

Lease Number:

U-02270A

API Number:

43-047-35200

Location:

NWSW Sec. <u>17</u> T.<u>10S</u> R.<u>21E</u>

Agreement:

Natural Buttes Unit

For more specific details on notification requirements, please check the Conditions of Approval for Notice to Drill and Surface Use Program.

CONDITIONS OF APPROVAL

Approval of this application does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Be aware fire restrictions may be in effect when location is being constructed and/or when well is being drilled. Contact the appropriate Surface Management Agency for information.

DRILLING PROGRAM A.

Estimated Depth at Which Oil, Gas, Water, or Other Mineral Bearing Zones are Expected to be 1. Encountered

Report ALL water shows and water-bearing sands to John Mayers of this office prior to setting the next casing string or requesting plugging orders. Faxed copies of State of Utah form OGC-8-X are acceptable. If noticeable water flows are detected, submit samples to this office along with any water analyses conducted.

All usable water and prospectively valuable minerals (as described by BLM at onsite) encountered during drilling, will be recorded by depth and adequately protected. All oil and gas shows will be tested to determine commercial potential.

COAs Page 2 of 6 Well No.: NBU 535-17E

2. <u>Pressure Control Equipment</u>

The BOP and related equipment shall meet the minimum requirements of Onshore Oil and Gas Order No. 2 for equipment and testing requirements, procedures, etc., for a <u>3M</u> system and individual components shall be operable as designed. Chart recorders shall be used for all pressure tests.

Test charts, with individual test results identified, shall be maintained on location while drilling and shall be made available to a BLM representative upon request.

If an air compressor is on location and is being utilized to provide air for the drilling medium while drilling, the special drilling requirements in Onshore Oil and Gas Order No. 2, regarding air or gas drilling shall be adhered to.

The variances requested in section 6 of the 8 point drilling plan are granted with the following conditions:

If a mist system is being utilized then the requirement for a deduster shall be waived.

Where the location and rig layout allows, the blooie line shall be straight and extend 100' from the wellbore. This requirement will be waived only in the case where the location is too small to accommodate it.

3. Casing Program and Auxiliary Equipment

Surface casing shall have centralizers on the bottom three joints, with a minimum of one centralizer per joint. Surface casing setting depths are based on ground level elevations only.

The production casing must be cemented a minimum of 200' above the top of the Green River formation which has been identified at ± 1270 '.

All casing strings below the conductor shall be pressure tested to 0.22 psi/ft of casing string length or 1500 psi, whichever is greater but not to exceed 70% of the minimum internal yield.

If Gilsonite is encountered while drilling, the BLM must be notified and steps must taken to isolated and/or protected it via the cementing program.

4. Mud Program and Circulating Medium

Hazardous substances specifically listed by the EPA as a hazardous waste or demonstrating a characteristic of a hazardous waste will not be used in drilling, testing, or completion operations.

No chromate additives will be used in the mud system on Federal and Indian lands without prior BLM approval to ensure adequate protection of fresh water aquifers.

COAs Page 3 of 6 Well No.: NBU 535-17E

5. Coring, Logging and Testing Program

Daily drilling and completion progress reports shall be submitted to this office on a weekly basis.

A cement bond log (CBL) will be run from the production casing shoe to top of the cement and shall be utilized to determine the bond quality for the production casing. Submit a field copy of the CBL to this office.

Please submit to this office, in LAS format, an electronic copy of all logs run on this well. This submission will replace the requirement for submittal of paper logs to the BLM.

Whether the well is completed as a dry hole or as a producer, "Well Completion and Recompletion Report and Log" (Form 3160-4) will be submitted not later than 30 days after completion of the well or after completion of operations being performed, in accordance with 43 CFR 3164. Two copies of all logs, core descriptions, core analyses, well-test data, geologic summaries, sample description, and all other surveys or data obtained and compiled during the drilling, workover, and/or completion operations, will be filed with Form 3160-4. Samples (cuttings, fluids, and/or gases) will be submitted when requested by the AO.

6. <u>Notifications of Operations</u>

No location will be constructed or moved, no well will be plugged, and no drilling or workover equipment will be removed from a well to be placed in a suspended status without prior approval of the AO. If operations are to be suspended, prior approval of the AO will be obtained and notification given before resumption of operations.

Operator shall report production data to MMS pursuant to 30 CFR 216.5 using form MMS/3160.

<u>Immediate Report</u>: Spills, blowouts, fires, leaks, accidents, or any other unusual occurrences shall be promptly reported in accordance with the requirements of NTL-3A or its revision.

If a replacement rig is contemplated for completion operations, a "Sundry Notice" (Form 3160-5) to that effect will be filed, for prior approval of the AO, and all conditions of this approved plan are applicable during all operations conducted with the replacement rig.

The date on which production is commenced or resumed will be construed for oil wells as the date on which liquid hydrocarbons are first sold or shipped from a temporary storage facility, such as a test tank, and for which a run ticket is required to be generated or, the date on which liquid hydrocarbons are first produced into a permanent storage facility, whichever first occurs; and, for gas wells as the date on which associated liquid hydrocarbons are first sold or shipped from a temporary storage facility, such as a test tank, and for which a run ticket is required to be generated or, the date on which gas is first measured through permanent metering facilities, whichever first occurs.

Should the well be successfully completed for production, the AO will be notified when the well is placed in a producing status. Written notification of such must be submitted to this office not later than five (5) days following the date on which the well is placed on production.

COAs Page 4 of 6 Well No.: NBU 535-17E

Gas produced from this well may not be vented or flared beyond an initial authorized test period of 30 days or 50 MMCF following its completion, whichever occurs first, without the prior written approval of the Authorized Officer. Should gas be vented or flared without approval beyond the authorized test period, the operator may be directed to shut-in the well until the gas can be captured or approval to continue venting or flaring as uneconomic is granted and the operator shall be required to compensate the lessor for that portion of the gas vented or flared without approval which is determined to have been avoidably lost.

A schematic facilities diagram as required by 43 CFR 3162.7-5(d) shall be submitted to the appropriate Field Office within 60 days of installation or first production, whichever occurs first. All site security regulations as specified in Onshore Oil & Gas Order No. 3 shall be adhered to. All product lines entering and leaving hydrocarbon storage tanks will be effectively sealed in accordance with 43 CFR 3162.7-5 (1).

No well abandonment operations will be commenced without the prior approval of the AO. In the case of newly drilled dry holes or failures, and in emergencies, oral approval will be obtained from the AO. A "Subsequent Report of Abandonment" Form 3160-5, will be filed with the AO within thirty (30) days following completion of the well for abandonment. This report will indicate where plugs were placed and the current status of surface restoration. Final abandonment will not be approved until the surface reclamation work required by the approved APD or approved abandonment notice has been completed to the satisfaction of the AO or his representative, or the appropriate Surface Managing Agency.

7. Other Information

All loading lines will be placed inside the berm surrounding the tank battery.

All off-lease storage, off-lease measurement, or commingling onlease or off-lease will have prior written approval from the AO.

The oil and gas measurement facilities will be installed on the well location. The oil and gas meters will be calibrated in place prior to any deliveries and tested for meter accuracy at least quarterly thereafter. The AO will be provided with a date and time for the initial meter calibration and all future meter proving schedules. A copy of the meter calibration reports will be submitted to the Vernal District Office. All meter measurement facilities will conform with Onshore Oil & Gas Order No. 4 for liquid hydrocarbons and Onshore Oil & Gas Order No. 5 for natural gas measurement.

The use of materials under BLM jurisdiction will conform to 43 CFR 3610.2-3.

There will be no deviation from the proposed drilling and/or workover program without prior approval from the AO. Safe drilling and operating practices must be observed. All wells, whether drilling, producing, suspended, or abandoned will be identified in accordance with 43 CFR 3162. "Sundry Notice and Report on Wells" (Form 3160-5) will be filed for approval for all changes of plans and other operations in accordance with 43 CFR 3162.3-2.

Section 102(b)(3) of the Federal Oil and Gas Royalty Management Act of 1982, as implemented by the applicable provisions of the operating regulations at Title 43 CFR 3162.4-1(c), requires that "not later than the 5th business day after any well begins production on which royalty is due anywhere on a lease site or allocated to a lease site, or resumes production in the case of a well which has been off production for

COAs Page 5 of 6 Well No.: NBU 535-17E

more than 90 days, the operator shall notify the authorized officer by letter or sundry notice, Form 3160-5, or orally to be followed by a letter or sundry notice, of the date on which such production has begun or resumed."

If you fail to comply with this requirement in the manner and time allowed, you shall be liable for a civil penalty of up to \$10,000 per violation for each day such violation continues, not to exceed a maximum of 20 days. See Section 109(c)(3) of the Federal Oil and Gas Royalty Management Act of 1982 and the implementing regulations at Title 43 CFR 3162.4-1(b)(5)(ii).

APD approval is valid for a period of one (1) year from the signature date. An extension period may be granted, if requested, prior to the expiration of the original approval period.

In the event after-hours approvals are necessary, you must contact one of the following individuals:

Ed Forsman

(435) 828-7874

Petroleum Engineer

Kirk Fleetwood

(435) 828-7875

Petroleum Engineer

BLM FAX Machine (435) 781-4410

COAs Page 6 of 6 Well No.: NBU 535-17E

EPA'S LIST OF NONEXEMPT EXPLORATION AND PRODUCTION WASTES

While the following wastes are nonexempt, they are not necessarily hazardous.

Unused fracturing fluids or acids

Gas plant cooling tower cleaning wastes

Painting wastes

Oil and gas service company wastes, such as empty drums, drum rinsate, vacuum truck rinsate, sandblast media, painting wastes, spend solvents, spilled chemicals, and waste acids

Vacuum truck and drum rinsate from trucks and drums, transporting or containing nonexempt waste

Refinery wastes

Liquid and solid wastes generated by crude oil and tank bottom reclaimers

Used equipment lubrication oils

Waste compressor oil, filters, and blowdown

Used hydraulic fluids

Waste solvents

Waste in transportation pipeline-related pits

Caustic or acid cleaners

Boiler cleaning wastes

Boiler refractory bricks

Incinerator ash

Laboratory wastes

Sanitary wastes

Pesticide wastes

Radioactive tracer wastes

Drums, insulation and miscellaneous solids.

SIAIE OF UTAH						
0 0 6 DIVISION OF OIL, GAS AND MINING						
NOTICES AND REPORTS ON V	WELLS	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:				
w wells, significantly deepen existing wells below current bottom-	nole depth, reenter plugged wells, or to	7. UNIT OF CA AGREEMENT NAME: NATURAL BUTTES UNIT				
		8. WELL NAME and NUMBER: NATURAL BUTTES UNIT 535-17E				
		9. API NUMBER: 4304735200				
VERNAL STATE UT ZIP 84078	PHONE NUMBER: (435) 789-4120	10. FIELD AND POOL, OR WILDCAT: NATURAL BUTTES				
		COUNTY: UINTAH STATE: UTAH				
OPRIATE BOXES TO INDICATE NATI		RT, OR OTHER DATA				
	TYPE OF ACTION					
		REPERFORATE CURRENT FORMATION SIDETRACK TO REPAIR WELL				
		TEMPORARILY ABANDON TUBING REPAIR				
W 0////02/07//2//050/2///		VENT OR FLARE				
CHANGE WELL NAME	JG BACK	WATER DISPOSAL				
CHANGE WELL STATUS	ODUCTION (START/RESUME)	WATER SHUT-OFF				
		OTHER:				
MPLETED OPERATIONS. Clearly show all pertinent de						
well. anges in the casing, cement, float equip						
Approved by the Utah Division of Oil, Gas and Mining		RECEIVED SEP 2 3 2004				
	DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS AND MINING NOTICES AND REPORTS ON VIEW Wells, significantly deepen existing wells below current bottom-terals. Use APPLICATION FOR PERMIT TO DRILL form for such GAS WELL OTHER GAS WELL OTHER VERNAL STATE UT 219 84078 FSL, 580' FWL GE, MERIDIAN: NWSW 17 10S 21E S ROPRIATE BOXES TO INDICATE NATURE OF THE CASING FROM THE CASING FROM THE CHANGE TUBING PLUT OF THE CHANGE WELL STATUS PRODUCING FORMATIONS REPORT OF THE CONVERT WELL TYPE REPORT OF THE CASING REPORT OF THE CONVERT WELL TYPE REPORT OF THE CASING REPORT OF THE CONVERT WELL TYPE REPORT OF THE CASING REPORT OF THE CONVERT WELL TYPE REPORT OF THE CASING REPORT O	DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS AND MINING NOTICES AND REPORTS ON WELLS Sew wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to terds. Use APPLICATION FOR PERMIT TO DRILL form for such proposals. GAS WELL OTHER PHONE NUMBER: (435) 789-4120 FSL, 580' FWL GE, MERIDIAN: NWSW 17 10S 21E S ROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORTION ACIDIZE DEEPEN ALTER CASING FRACTURE TREAT NEW CONSTRUCTION CHANGE TO PREVIOUS PLANS CHANGE TO PREVIOUS PLANS CHANGE WELL NAME PLUG BACK CHANGE WELL STATUS PRODUCTION (START/RESUME) COMMINGLE PRODUCING FORMATIONS RECLAMATION OF WELL SITE CONVERT WELL TYPE RECOMPLETE - DIFFERENT FORMATION OF WELL SITE CONVERT WELL TYPE RECOMPLETE - DIFFERENT FORMATION OF WELL SITE RECOMPLETE - DIFFERENT FORMATION OF WELL SITE RESONDED TO THE WELL STATUS PROPULATION OF WELL SITE CONVERT WELL TYPE RECOMPLETE - DIFFERENT FORMATION OF WELL SITE RECOMPLETE - DIFFERENT FORMATION OF WELL SITE RESONDED TO THE WELL TYPE RECOMPLETE - DIFFERENT FORMATION OF WELL SITE RECOMPLETE				

DIV. OF OIL, GAS & MINING

NAME (PLEASE PRINT) Ed Troffer

TITLE Agent

9/21/2004

(This space for State use only)

SIGNATURE

NATURAL BUTTES UNIT 535-17E NW/SW, SEC. 17, T10S, R21E, S.L.B.&M. UINTAH COUNTY, UTAH

1. & 2. ESTIMATED TOPS & ANTICIPATED OIL, GAS, & WATER ZONES:

FORMATION	DEPTH (KB)
Green River	1,064'
"M" Marker	4,239'
Wasatch	4,396'
Chapita Wells	5,018'
Buck Canyon	5,740'
North Horn	6,412'
Island	7,145'
KMV Price River	7,402'
Sego	9,613'

EST. TD: 9,800'

Anticipated BHP 4200 PSI

MINIMUM SAFETY FACTOR

3. PRESSURE CONTROL EQUIPMENT: A 5M BOP will be used on the Production Hole only. (See attached BOP Diagram), Pressure Control Equipment will not be used on the Surface Hole.

4. CASING PROGRAM:

							IVIIIVIC	IVI DZIL DA	ITACION
HOLE SIZE	INTERVAL	LENGTH	SIZE	WEIGHT	GRADE	THREAD	COLLAI	SE BURST	<u>r tensile</u>
20"	0' - 45'+/- GL	45'+/-	13 3/8"	48.0 #	H-40	ST&C	770 PSI	1730 PSI	322,000#
	45' - 2300'+/- KB	3 2300' +/-	9 5/8"	36.0 #	J-55	ST&C	2020 PSI	3520 PSI	394,000#
	2300' - TD+/-KB		4 1/2"	11.6 #	N-80	LT&C	6350 PSI	7780 PSI	223,000#

The 12 1/4" Intermediate hole will be drilled to a total depth of 200' below the base of the Green River lost circulation zone and 9 5/8" casing will be set to that depth. Actual setting depth of the 9 5/8" casing may be less than 2300' in this well.

All casing will be new or inspected.

5. Float Equipment:

CONDUCTOR HOLE PROCEDURE (0-45' Below GL):

None

SURFACE HOLE PROCEDURE (45'-2300'):

Guide Shoe

Insert Float Collar (PDC drillable)

Cents.: 1-5' above shoe, top of jts. #2 and #3 then every 5th joint to surface.

PRODUCTION HOLE PROCEDURE 2300'-TD:

FS, 1 joint of casing, FC, and balance of casing to surface.

NATURAL BUTTES UNIT 535-17E NW/SW, SEC. 17, T10S, R21E, S.L.B.&M. UINTAH COUNTY, UTAH

6. MUD PROGRAM

CONDUCTOR HOLE PROCEDURE (0-45' Below GL):

Dry or light mud as needed to support drilling by Bucket Rig.

SURFACE HOLE PROCEDURE (45'-2300'):

Air, Air Mist and Water (circulate through reserve pit) with Gel/LCM sweeps.

PRODUCTION HOLE PROCEDURE 2300'-TD:

2300'- 4500' Water (circulate through reserve pit) with Gel/LCM sweeps.

- 4500'- 6900' Close in mud system. "Mud up" with <u>6.0 ppb</u> Diammonium Phosphate (DAP). Drill with DAP water, POLYPLUS for viscosity and hole cleaning, adding KLA-GARD B for supplemental inhibition. Also sweep hole periodically w/ Durogel / LCM sweeps to clean the hole and seal loss zones. Add additional LCM as hole dictates. Mud weight and vis as needed, water loss no control.
- Discontinue KLA-GARD B. Utilize POLYPAC-R for fluid loss control. Maintain <u>5.5</u> <u>ppb</u> DAP. <u>Do not mix caustic or lime.</u> Maintain 7.5-8.5 pH. Weight up system and add vis as hole conditions require. Run LCM sweep periodically to seal off loss zones or more often as hole dictates. Water loss: 20 cc's maximum. Expect increasing gas shows requiring heavier mud weights from top of Island onward. Treat CO₂ contamination with DESCO CF and OSIL (Oxygen scavenger) if mud properties dictate.

7. VARIANCE REQUESTS:

- A. EOG Resources, Inc. requests a variance to regulations requiring a straight run blooie line (Where possible, a straight run blooie line will be used).
- B. EOG Resources, Inc. requests a variance to regulations requiring an automatic ignitor or continuous pilot light on the blooie line. (Not required on aerated water system).
- C. EOG Resources, Inc. requests a variance to regulations requiring the blooie line to be 100' in length. To reduce location excavation, the blooie line will be 75' in length.

8. EVALUATION PROGRAM:

Logs: Schlumberger Platform Express TD – Surface Casing, with Di-pole Sonic from TD to surface in 1 run.

NATURAL BUTTES UNIT 535-17E NW/SW, SEC. 17, T10S, R21E, S.L.B.&M. UINTAH COUNTY, UTAH

9. CEMENT PROGRAM:

CONDUCTOR HOLE PROCEDURE (0-45' Below GL):

Cement to surface with Redi-Mix cement

SURFACE HOLE PROCEDURE (45'-2300'+/-):

Option #1: Well circulates or drills with air.

Tail: 500' of Class 'G' mixed at 15.8 ppg w/ 2% CaCl2 & 0.25 pps Flocele + 35% Excess or Type 5 Cement mixed at 15.6 ppg w/ 2% CaCl2 & 0.25 pps Flocele + 35% Excess.

Lead: Hi-Fill Cement mixed at 11 ppg with 16% Gel, 10#/sx Gilsonite, 3% salt, 3#/sx GR-3 and 0.25 #/sx Flocele plus 35% Excess to get cement returns to surface.

Option #2: Well does not circulate.

Class 'G' cement mixed at 15.8 ppg w/ 2% CaCl2 & 0.25 pps Flocele + 35% Excess or Type % 5 Cement mixed at 15.6 ppg w/ 2% CaCl2 & 0.25 pps Flocele + 35% Excess to 100' above the lost circulation zone and top out with same with 3-4% CaCl2 to get cement returns to surface.

PRODUCTION HOLE PROCEDURE 2300'-TD:

Lead: 110 sks 35:65 Poz G w/ 4% D20 (Bentonite), 2% D174 (Extender), 0.2% D65 (Dispersant), 0.2% D46 (Antifoam), 0.75% D112 (Fluid Loss Additive), 0.15% D13 (Retarder), 0.25 pps D29 (cello flakes), mixed at 13.0 ppg, 1.73 cu. ft./sk., 9.06 gps water

Tail: 190 sks: 50:50 Poz G w/ 2% D20 (Bentonite), 0.1% D46 (Antifoam), 0.15% D13 (Retarder), 0.2% D167 (Fluid Loss Additive), 0.2% D65 (Dispersant), mixed at 14.1 ppg, 1.28 cu. ft./sk., 5.9 gps water.

10. ABNORMAL CONDITIONS:

SURFACE HOLE (45'-2300')

Potential Problems: Lost circulation below 1800' and minor amounts of gas may be present.

PRODUCTION HOLE 2300'-TD

Potential Problems: Sloughing shales and key seat development are possible in the Wasatch

Formation. CO₂ contamination in the mud is possible in the Price River (Mesa

Verde).

NATURAL BUTTES UNIT 535-17E NW/SW, SEC. 17, T10S, R21E, S.L.B.&M. UINTAH COUNTY, UTAH

11. STANDARD REQUIRED EQUIPMENT:

- A. Choke Manifold
- B. Kelly Cock
- C. Stabbing Valve
- D. Visual Mud Monitoring

12. HAZARDOUS CHEMICALS:

No chemicals subject to reporting under SARA title III in an amount equal to or greater than 10,000 pounds will be used, produced, stored, transported, or disposed of annually in association with the drilling of this well. Furthermore, no extremely hazardous substances, as defined in 40 CFR 355, in threshold planning quantities, will be used, produced, stored, transported, or disposed of in association with the drilling of this well.

(Attachment: BOP Schematic Diagram)

5000 PSIG DIAGRAM

ANNULAR PREVENTOR AND BOTH RAMS ARE 5000 PSIG RATED. **ROTATING HEAD** CASING FLANGE IS 11" 5000 PSIG RATED. **BOPE 11" 5000 PSIG** FLOW LINE TESTING PROCEDURE: 1. BOPE's will be tested with a professional tester to conform to Onshore Order #2 with retest every 14 days. 2. Blind & Pipe rams will be tested to rated working pressure, 5000 psig. 3. Annular preventor will be tested to 50% of working pressure, 2500 psig. **ANNULAR** 4. Casing will be tested to 0.22 psi/ft. or 2500 psig. Not to exceed 70% of burst **PREVENTER** strength, whichever is greater. 5. All lines subject to well pressure will be pressure-tested to the same pressure as blind & pipe rams. 6. All BOPE specifications and configurations will meet Onshore Order #2 requirements for 5000 psig BOPE specifications. $\mathop{\mathsf{PIPE}}_{\bigoplus} \mathop{\mathsf{RAMS}}_{}$ **CHOKE MANIFOLD** 2" MIN ADJUSTABLE CHOKE TO MUD/GAS SEPARATOR OR PIT **BLIND RAMS** 3" MINIMUM RATED **5000 PSIG** 2" KILL LINE 3" MINIMUM BLEED LINE TO PIT 3" DIAMETER **CASING** \FLANGE(2" MINIMUM SPOOL 11" 5000 PSIG TO MUD/GAS SEPARATOR ADJUSTABLE CHOKE OR PIT

STATE OF UTAH

A	O	7
v	v	

1. TYPE OF WELL

11.

 \checkmark

DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS AND MINING

0 (7	 LEASE DESIGNATION AND SERIAL NUMBER: U-02270-A 	
	SUNDRY	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:	
Do r	not use this form for proposals to drill n drill horizontal la	w wells, significantly deepen existing wells below current bottom-hole depth, reenter perals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.	7. UNIT or CA AGREEMENT NAME: NATURAL BUTTES UNIT
1. TY	PE OF WELL OIL WELL	GAS WELL 🗸 OTHER	8. WELL NAME and NUMBER: NATURAL BUTTES UNIT 535-17E
EC	AME OF OPERATOR: OG RESOURCES, INC.		9. API NUMBER: 4304735200
	DDRESS OF OPERATOR: D. BOX 1910	VERNAL STATE UT ZIP 84078 PHONE N (435)	UMBER: 10. FIELD AND POOL, OR WILDCAT: NATURAL BUTTES
FC	OCATION OF WELL DOTAGES AT SURFACE: 1893' I		COUNTY: UINTAH STATE: UTAH
11.	CHECK APP	OPRIATE BOXES TO INDICATE NATURE OF NO	TICE, REPORT, OR OTHER DATA
•	TYPE OF SUBMISSION	TYPE OF	ACTION
Z	NOTICE OF INTENT (Submit in Duplicate)	ACIDIZE DEEPEN ALTER CASING FRACTURE TREAT	REPERFORATE CURRENT FORMATION SIDETRACK TO REPAIR WELL
	Approximate date work will start:	CASING REPAIR NEW CONSTRUCTION	TEMPORARILY ABANDON
		CHANGE TO PREVIOUS PLANS OPERATOR CHANGE	TUBING REPAIR
		CHANGE TUBING PLUG AND ABANDON	VENT OR FLARE
	SUBSEQUENT REPORT	CHANGE WELL NAME PLUG BACK	WATER DISPOSAL
	(Submit Original Form Only)	CHANGE WELL STATUS PRODUCTION (START	(RESUME) WATER SHUT-OFF
	Date of work completion:	COMMINGLE PRODUCING FORMATIONS RECLAMATION OF WE	ELL SITE OTHER:
		CONVERT WELL TYPE RECOMPLETE - DIFFE	RENT FORMATION
		MPLETED OPERATIONS. Clearly show all pertinent details including da	
Th	OG Resources, Inc. requiese changes would include the revised drilling plan is a	ests authorization to change the TD on the subject v ude changes in the casing, cement, float equipment, tached	well to 7500' and to revise the drilling procedure. , and mud program.

12.	DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.
E(OG Resources, Inc. requests authorization to change the TD on the subject well to 7500' and to revise the drilling procedure these changes would include changes in the casing, cement, float equipment, and mud program.
Α	revised drilling plan is attached.

rel Approval of this Action is Necessary

Approved by the Utah Division of Oil, Gas and Mining

RECEIVED FEB 1 0 2005

DIV. OF OIL, GAS & MINING

NAME (PLEASE PRINT) Ed Trotter	TITLE	Agent	
SIGNATURE /Ld / with	DATE	2/4/2005	
SIGNATURE			

(This space for State use only)

THE SELECT TO OPERATOR

NATURAL BUTTES UNIT 535-17E NW/SW, SEC. 17, T10S, R21E, S.L.B.&M. **UINTAH COUNTY, UTAH**

ESTIMATED TOPS & ANTICIPATED OIL, GAS, & WATER ZONES: 1. & 2.

FORMATION	DEPTH (KB)
Green River	1,064'
"M" Marker	4,239'
Wasatch	4,396'
Chapita Wells	5,018'
Buck Canyon	5,740'
North Horn	6,412'
Island	7,145'
KMV Price River	7,402'

EST. TD: 7,500'

Anticipated BHP 3200 PSI

3. PRESSURE CONTROL EQUIPMENT: 3,000 PSI - BOP Schematic Diagram attached.

4. CASING PROGRAM:

							IAI.	HUGFACI	<u>or</u>
HOLE SIZI	E INTERVAL	LENGTH	SIZE	WEIGHT	GRADE	THREAD	COLLAP	SE BURST	TENSILE
12 1/4"	0' - 500'+/-KB	500'+/-	9 5/8"	36.0#	J-55	STC	2020 PSI	3520 PSI	394,000#
7 7/8"	500' - TD +/-KB	7,500' +/-	4 1/2"	11.6#	J-55	LTC	4960 PSI	5350 PSI	162,000#

All casing will be new or inspected.

5. Float Equipment:

Surface Hole Procedure (0-500' Below GL):

Guide Shoe Insert Baffle

Wooden wiper plug

Centralizers: 1 - 5 - 10' above shoe, every collar for next 3 joints (4 total).

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DIV. OF OIL, GAS & MINING

Production Hole Procedure (500'-TD):

Texas-Pattern shoe, short casing shoe joint (± 20'), Float Collar, and balance of casing to surface. Run short casing joint (< 38') at ± 3,300' (1,000' above projected top of Wasatch). Centralize 5' above shoe on joint #1, top of joint #2, then every 4th joint to \pm 3,900' (400' above Wasatch top - 15 total). Thread lock shoe, top and bottom of FC, and top of 2nd joint.

6. MUD PROGRAM:

Surface Hole Procedure (0-500' below GL):

500' - 1,700': Water (circulate through reserve pit). Anco-Drill sweeps for hole cleaning, Paper sweeps to seal off loss zones. Add LIME to reserve pit to keep clear.

NATURAL BUTTES UNIT 535-17E NW/SW, SEC. 17, T10S, R21E, S.L.B.&M. UINTAH COUNTY, UTAH

MUD PROGRAM (Continued):

Production Hole Procedure (500'-TD):

- 1,700' 4,900': Continue as above as far as possible. Should it become necessary to trip for a bit prior to reaching TD, either slug drill pipe and fill hole with brine or with 9.2 ppg mud (pre-mixed in rig mud tanks) to control gas. Once back on bottom after trip, turn flow back and re-circulate through reserve pit to resume drilling ahead. Stay on as clear of fluid as long as possible. Try to control any fluid losses if drilling on clear fluid with paper LCM. Add LIME and Gyp if needed to control alkalinities.
- 4,900' TD: Continue sweeping hole with Anco-Drill for hole cleaning. Again, should it become necessary to trip for a bit prior to reaching TD, either slug drill pipe and fill hole with brine or with 9.2 ppg mud (pre-mixed in rig mud tanks) to control gas. Once back on bottom after trip, turn flow back and re-circulate through reserve pit to resume drilling ahead. Stay on as clear of fluid as long as possible. Increase Anco-Drill sweep frequency as you near TD in preparation to logging and running casing. Be alert at all times while drilling the Wasatch on water for any signs of hole sloughing (i.e. tight connections, fill, etc.). Should sloughing be detected, immediately mud up the hole. If mud-up becomes necessary to log, run casing, for hole sloughing or to control water and gas flows, mix Gel, Anco-Drill and Aqua-Pac if chloride content of mud will allow or SALT GEL and STARCH if chloride content is high. When mudding up, add 6% LCM (mixture of Cedar Fiber, Paper, Cottonseed Hulls and Sawdust) to control losses.

7. VARIANCE REQUESTS:

- A. EOG Resources, Inc. requests a variance to regulations requiring a straight run blooie line (Where possible, a straight run blooie line will be used).
- B. EOG Resources, Inc. requests a variance to regulations requiring an automatic igniter or continuous pilot light on the blooie line. (Not required on aerated water system).
- C. EOG Resources, Inc. requests a variance to regulations requiring the blooie line to be 100' in length. To reduce location excavation, the blooie line will be 75' in length.

8. EVALUATION PROGRAM:

Logs: Open Hole Logging - Schlumberger Platform Express TD to Surface Casing

NATURAL BUTTES UNIT 535-17E NW/SW, SEC. 17, T10S, R21E, S.L.B.&M. UINTAH COUNTY, UTAH

9. CEMENT PROGRAM:

Surface Hole Procedure (0-500' Below GL)

Lead: 200 sks. (100% excess volume) Class 'G' cement with 2% S1 (CaCl2) & 0.25 pps D29 (cellophane flakes), mixed at 15.8 ppg, 1.15. ft³./sk., 4.95 gps water.

Top Out: Top out with Class 'G' cement with 2% S1 (CaCl2) in mix water, 15.8 ppg,, 1.15. ft³./sk., 4.95 gps via 1" tubing set at 25' if needed.

Production Hole Procedure (500' to TD)

Lead: 100 sks: Class 'G' lead cement with 5% D44 (Salt), 12% D20 (Bentonite), 1% D79% (Extender), 0.25% D112 (Fluid Loss Additive), 0.2% D46 (Anti-Foamer) & 0.25 pps D29 (Cellophane flakes) mixed at 11.0 ppg, 3.91 ft³/sk., 24.5 gps water.

Tail: 250 sks: 50:50 Poz G w/ 2% D20 (Bentonite), 10% D44 (Salt), mixed at 14.1 ppg, 1.35 cu. ft./sk., 5.0 gps water. 50:50 Poz G w/ 2% D20 (Bentonite), 10% D44 (Salt), mixed at 14.1 ppg, 1.35 ft³/sk., 5.0 gps water.

10. ABNORMAL CONDITIONS:

PRODUCTION HOLE (500'-TD)

Potential Problems: Lost circulation, asphaltic, black oil flows, large Trona water flows and gas flows may be encountered in the Green River, beginning at \pm 1,900°. Other wells in the general area of the NBU 535-17E (all drilled with air/mist or aerated water) reported problems with sloughing formation in the Wasatch while attempting to mud up for logs or to run casing.

11. STANDARD REQUIRED EQUIPMENT:

- A. Choke Manifold
- B. Kelly Cock
- C. Stabbing Valve
- D. Visual Mud Monitoring

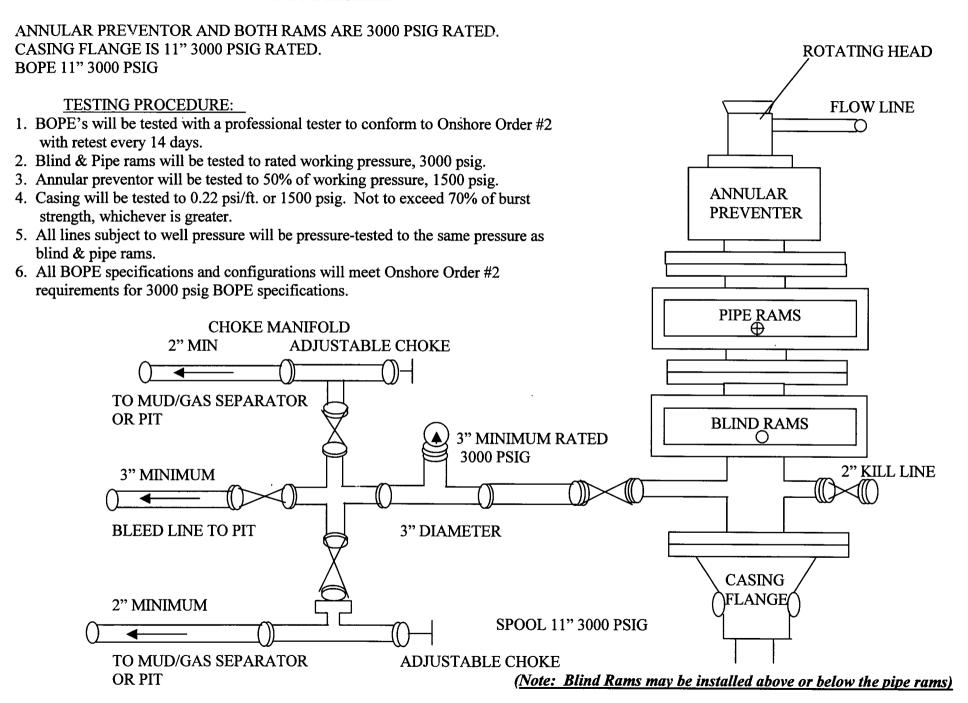
NATURAL BUTTES UNIT 535-17E NW/SW, SEC. 17, T10S, R21E, S.L.B.&M. UINTAH COUNTY, UTAH

12. HAZARDOUS CHEMICALS:

No chemicals subject to reporting under SARA title III in an amount equal to or greater than 10,000 pounds will be used, produced, stored, transported, or disposed of annually in association with the drilling of this well. Furthermore, no extremely hazardous substances, as defined in 40 CFR 355, in threshold planning quantities, will be used, produced, stored, transported, or disposed of in association with the drilling of this well.

(Attachment: BOP Schematic Diagram)

3000 PSIG DIAGRAM



STATE OF UTAH DEPARTMENT OF NATURAL RE	FORM 9			
DIVISION OF OIL, GAS AND	5. LEASE DESIGNATION AND SERIAL NUMBER: U-02270-A			
SUNDRY NOTICES AND REPO	6. IF INDIAN, ALL	OTTEE OR TRIBE NAME:		
Do not use this form for proposals to drill new wells, significantly deepen existing wells be drill horizontal laterals. Use APPLICATION FOR PERMIT TO I	elow current bottom-hole depth, DRILL form for such proposals.	reenter plugged wells, or to		REEMENT NAME: . BUTTES UNIT
1. TYPE OF WELL OIL WELL GAS WELL 🗹 OTH	HER		8. WELL NAME a	nd NUMBER: BUTTES UNIT 535-17E
2. NAME OF OPERATOR:		· · · · · · · · · · · · · · · · · · ·	9. API NUMBER:	
EOG RESOURCES, INC.			43047352	
3. ADDRESS OF OPERATOR:		PHONE NUMBER:		OOL, OR WILDCAT: BUTTES
	Zip 84078	(435) 789-4120	INATORAL	BUILES
4. LOCATION OF WELL				ITALI
FOOTAGES AT SURFACE: 1893' FSL, 580' FWL			COUNTY: UIN	NIAH
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NWSW 17 10	S 21E S		STATE:	UTAH
11. CHECK APPROPRIATE BOXES TO IND	ICATE NATURE C	F NOTICE, REPOR	RT, OR OTH	IER DATA
TYPE OF SUBMISSION		PE OF ACTION		
☐ ACIDIZE	DEEPEN		REPERF	ORATE CURRENT FORMATION
NOTICE OF INTENT (Submit in Duplicate) ALTER CASING	FRACTURE T	REAT	SIDETRA	ACK TO REPAIR WELL
Approximate date work will start: CASING REPAIR	☐ NEW CONSTI		TEMPOR	RARILY ABANDON
CHANGE TO PREVIOUS PLANS	OPERATOR O		TUBING	
	PLUG AND A		☐ VENT OF	
CHANGE TUBING				DISPOSAL
SUBSEQUENT REPORT CHANGE WELL NAME (Submit Original Form Only)	PLUG BACK	(OTADT/DECLIME)	=	SHUT-OFF
Date of work completion:		N (START/RESUME)	<u> </u>	
COMMINGLE PRODUCING FORMAT		ON OF WELL SITE	OTHER:	Extension Request
CONVERT WELL TYPE	RECOMPLET	E - DIFFERENT FORMATION		
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly sho	ow all pertinent details incl	uding dates, depths, volume	es, etc.	
EOG Resources, Inc. requests that the APD for the su	ubject well be exter	nded for one year.		
200 (1000ardos, mor requeste and are yet 2 for any	,	•		
			_	NEOEWED
	_		٦	RECEIVED
Approved by the Utah Division of	는 경 경 한			JUL 2 6 2005
Oil, Gas and Mining	g		אוער (OF OIL, GAS & MINING
\sim	57	g to the second second second	Comment of	7) Giaj en 10 20 11
Date: Office 1			14700	
By:		COPY SENT TO OPER	KALUK !	
	} •	initials CHO		
\mathcal{D}			4 7	

(This space for State use only)

SIGNATURE

NAME (PLEASE PRINT) Ed Trotter

TITLE Agent

DATE 7/23/2005

Application for Permit to Drill Request for Permit Extension Validation (this form should accompany the Sundry Notice requesting permit extension)

API: 4304735200 Well Name: NATURAL BUTTES UNIT 535-17E Location: 1893' FSL, 580' FWL, NWSW, SEC. 17, T10S, R21E Company Permit Issued to: EOG RESOURCES, INC. Date Original Permit Issued: 8/4/2004
The undersigned as owner with legal rights to drill on the property as permitted above, hereby verifies that the information as submitted in the previously approved application to drill, remains valid and does not require revision.
Following is a checklist of some items related to the application, which should be verified.
If located on private land, has the ownership changed, if so, has the surface agreement been updated? Yes □ No ☑
Have any wells been drilled in the vicinity of the proposed well which would affect the spacing or siting requirements for this location? Yes ☐ No ☑
Has there been any unit or other agreements put in place that could affect the permitting or operation of this proposed well? Yes□ No ☑
Have there been any changes to the access route including ownership, or right-of-way, which could affect the proposed location? Yes \square No \square
Has the approved source of water for drilling changed? Yes□No☑
Have there been any physical changes to the surface location or access route which will require a change in plans from what was discussed at the onsite evaluation? Yes□No☑
Is bonding still in place, which covers this proposed well? Yes ☑ No □
7/23/2005
Signature Date
Title: Agent
Representing: EOG RESOURCES, INC.

FORM 3160-5 (April 2004)

В

SUNDRY NOTICES AND REPORTS ON WELLS

UNITED STATES					
DEPARTM	NT OF	THE INTERIOR			
BUREAU	LAND	MANAGEMENT			

OMB No. 1004-0137
 Expires March 31, 2007

FORM APPROVED

5	Lease	Serial	Nο	
<i>,</i>	Lease	Deriai	INO.	

TT	മാ	70	L /

Do not use this for abandoned well.	6. If Indian, Allottee or Tribe Nam	ug 0 3 2005			
SUBMIT IN TRIPLICATE - Other	7. If Unit or CA/Agreement, Name NATURAL BUTTE				
1. Type of Well Oil Well X Gas Well O	8. Well Name and No. NATURAL BUTTE	S UNIT 535-17E			
2. Name of Operator	9. API Well No.				
EOG RESOURCES, INC.			43-047-35200		
3a. Address	3b. Phone No. (include are	ea code)	10. Field and Pool, or Exploratory Area		
P.O. BOX 1910, VERNAL, UT 84078	NATURAL BUTTE	S			
4. Location of Well (Footage, Sec., T., R., M., or Surve	11. County or Parish, State				
1893' FSL, 580' FWL	UINTAH COUNTY	, UTAH			
SECTION 17, T10S, R21E, S.	L.B.&M.				
12 CHECK APPROPRIA	ATE BOX(ES) TO IND	ICATE NATURE OF 1	NOTICE, REPORT, OR OTHE	ER DATA	
TYPE OF SUBMISSION	TY	PE OF ACTION			
X NOTICE OF INTENT SUBSEQUENT REPORT	Acidize Alter Casing Casing Repair Change Plans	Deepen Fracture Treat New Construction Plug and Abandon	Production (Start/Resume) Reclamation Recomplete Temporarily Abandon	Water Shut-off Well Integrity X Other Extension Request	
FINAL ABANDONMENT NOTICE	Convert to Injection	Plug Back	Water Disposal		
13. Describe Proposed or Completed Operations (Clearly If the proposal is to deepen directionally or recomple Attach the Bond under which the work will be perfo following completion of the involved operations. If testing is completed. Final Abandonment Notices she determined that the site is ready for final inspection.	te horizontally, give subsurfac rmed or provide the Bond No the operation results in a mul- all be filed only after all requ	ce locations and measured an on file with BLM/BIA. Req tiple completion or recomple	nd true vertical depths of all pertinent n quired subsequent reports shall be filed tion in a new interval, a form 3160-4:	narkers and zones. within 30 days shall be filed once	

EOG Resources, Inc. requests that the APD for the subject well be extended for one year. This APD was originally approved August 30, 2004.

CONDITIONS OF APPROVAL ATTACHED

14. I hereby certify that the foregoing is true and correct Name (Printed/Typed) **Ed Trotter**	Title Agent				
Signature Let With	Date July 30, 2005				
THIS SPACE FOR FEDERAL OR STATE OFFICE USE					
Approved by Max Pole Approved by	Petroleum Engineer				
Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.					
the applicant to conduct operations thereon. Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, makes it a crime for any person knowingly and or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter w	id willfully to make to any department				

(Instructions on page 2)

RECEIVED SEP 0 9 2005

DIV. OF OIL, GAS & MINING



CONDITIONS OF APPROVAL

EOG Resources Inc.

Notice of Intent APD Extension

Lease:

UTU-02270-A

Well:

NBU 535-17E

Location:

NWSW Sec 17-T10S-R21E

An extension for the referenced APD is granted with the following conditions:

- 1. The extension and APD shall expire on 08/30/06
- 2. No other extension shall be granted.

If you have any other questions concerning this matter, please contact Matt Baker of this office at (435) 781-4490

DEPARTMENT OF NATURAL RESOURCES	
DIVISION OF OIL, GAS AND MINING	5. LEASE DESIGNATION AND SERIAL NUMBER: U-02270-A
SUNDRY NOTICES AND REPORTS ON WELLS	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.	7. UNIT OF CA AGREEMENT NAME: NATURAL BUTTES UNIT
1. TYPE OF WELL OIL WELL GAS WELL . OTHER	8. WELL NAME and NUMBER: NATURAL BUTTES UNIT 535-17E
2. NAME OF OPERATOR: EOG RESOURCES, INC.	9. API NUMBER: 4304735200
3. ADDRESS OF OPERATOR: P.O. BOX 1910 CITY VERNAL STATE UT ZIP 84078 PHONE NUMBER: (435) 789-4120	10. FIELD AND POOL, OR WILDCAT: NATURAL BUTTES
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1893' FSL, 580' FWL	COUNTY: UINTAH
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NWSW 17 10S 21E S	STATE: UTAH
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPO	ORT, OR OTHER DATA
TYPE OF SUBMISSION TYPE OF ACTION	
NOTICE OF INTENT (Submit in Duplicate) ACIDIZE DEEPEN ALTER CASING FRACTURE TREAT	REPERFORATE CURRENT FORMATION SIDETRACK TO REPAIR WELL
Approximate date work will start: CASING REPAIR NEW CONSTRUCTION	TEMPORARILY ABANDON
CHANGE TO PREVIOUS PLANS OPERATOR CHANGE	TUBING REPAIR
CHANGE TUBING PLUG AND ABANDON	VENT OR FLARE
SUBSEQUENT REPORT CHANGE WELL NAME PLUG BACK	WATER DISPOSAL
(Submit Original Form Only) CHANGE WELL STATUS PRODUCTION (START/RESUME)	WATER SHUT-OFF
Date of work completion: COMMINGLE PRODUCING FORMATIONS RECLAMATION OF WELL SITE	
CONVERT WELL TYPE RECOMPLETE - DIFFERENT FORMATION	
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volume	nes, etc.
EOG Resources, Inc. requests authorization to change the TD on this well to 9815' and to	
procedure on the subject well. These changes include changes in the casing, cement, float equipment, and mud program A revised drilling plan is attached.	
Federal Approval of this Oil, Gas and Manager Action is Necessary Action is Necessary By:	31
NAME (PLEASE PRINT) Ed Trotter Agent	
SIGNATURE / Col / inthe DATE 12/9/2005	
(This space for State use only) Doile: 01-04-06 CMD	ECEIVED

(See Instructions on Reverse Side)

RECEIVED DEC 1 4 2005

EIGHT POINT PLAN NATURAL BUTTES UNIT 535-17E NW/SW, SEC. 17, T10S, R21E, S.L.B.&M.. UINTAH COUNTY, UTAH

1. & 2. ESTIMATED TOPS & ANTICIPATED OIL, GAS, & WATER ZONES:

FORMATION	DEPTH (KB)
Green River FM	1,146'
Wasatch	4,393'
Chapita Wells	5,026'
Buck Canyon	5,744'
North Horn	6,258'
Island	7,152'
KMV Price River	7,363'
KMV Price River Middle	8,308'
KMV Price River Lower	9,214'
Sego	9,617'

Estimated TD: 9,815' or 200'± below Sego top

Anticipated BHP: 5,360 Psig

DATING EACTOD

- 1. Fresh Waters may exist in the upper, approximately 1,000 ft \pm of the Green River Formation, with top at about 2,000 ft \pm .
- 2. Cement isolation is installed to surface of the well isolating all zones by cement.

3. PRESSURE CONTROL EQUIPMENT:

Production Hole – 5000 Psig

BOP schematic diagrams attached.

4. CASING PROGRAM:

							KA	IIIIG FACTOR	<u>^</u>
	HOLE SIZE	INTERVAL	SIZE	WEIGHT	GRADE	THREAD	COLLAPSE	E /BURST/ TEN	SILE
Conducto	r: 17 ½"	0'-45'	13 3/8"	48.0#	H-40	STC	770 PSI	1730 PSI 322	,000#
Surface		45' - 2,300'KB±	9-5/8"	36.0#	J-55	STC	2020 PSI	3520 Psi 394	1,000#
Production	n: 7-7/8"	•	4-1/2"	11.6#	N-80	LTC	6350 PSI	7780 Psi 223	3,000#

Note: 12-1/4" surface hole will be drilled to a total depth of 200'± below the base of the Green River lost circulation zone and cased w/9-5/6" as shown to that depth. Drilled depth may be shallower or deeper than the 2300' shown above depending on the actual depth of the loss zone. All casing will be new or inspected.

5. Float Equipment:

Surface Hole Procedure (0'- 2300'±)

Guide Shoe

Insert Float Collar (PDC drillable)

Centralizers: 1-5' above shoe, top of jts. #2 and #3 then every 5th joint to surface. (15 total)

EIGHT POINT PLAN NATURAL BUTTES UNIT 535-17E NW/SW, SEC. 17, T10S, R21E, S.L.B.&M.. UINTAH COUNTY, UTAH

Float Equipment: (Cont'd)

Production Hole Procedure (2300'± - TD):

Float shoe, 1 joint casing, float collar and balance of casing to surface. $4-\frac{1}{2}$ ", 11.6#, N-80 or equivalent marker collars or short casing joints to be placed at top of Price River and 400' above top of Wasatch. Centralizers to be placed 5' above shoe on joint #1, top of joint #2, and every 2nd joint to 400' above Wasatch Island top. (30± total). Thread lock float shoe, top and bottom of float collar, and top of 2^{nd} joint.

6. MUD PROGRAM

Surface Hole Procedure (Surface - 2300'±):

Air/air mist or aerated water.

<u>Production Hole Procedure (2300' \pm - TD):</u> Anticipated mud weight 9.5 – 10.5 ppg depending on actual wellbore conditions encountered while drilling.

2300'±-TD A closed mud system will be utilized. A bentonite gelled water mud system will be used to control viscosity w/PHPA polymer used for supplemental viscosity and clay encapsulation/inhibition. Water loss will be maintained at <15cc's using white starch or PAC. Bactericides will be used as needed. Anticipated pH will range from 9.0-10.0. Mud weight will be adjusted as necessary for well control. Deflocculants/thinners will be used as necessary to maintain mud quality. LCM sweeps will be utilized as necessary to control lost circulation and mud loss. CO2 contamination, if encountered, will be treated with lime and gypsum.

7. VARIANCE REQUESTS:

Reference: Onshore Oil and Gas Order No. 2 – Item E: Special Drilling Operations

EOG Resources, Inc. requests a variance to regulations requiring the blooie line to be 100' in length. Due to reduce location excavation, the blooie line will be approximately 75' in length

8. EVALUATION PROGRAM:

Logs:

Mud log from base of surface casing to TD.

Open Hole Logs:

Open Hole Logs will be run consisting of the following:

Schlumberger Platform Express: Open Hole Gamma Ray, Resistively, and

neutron porosity.

9. CEMENT PROGRAM:

Surface Hole Procedure (Surface - 2300'±):

Lead:

Class "G" cement with 16% Gel, 10 #/sx Gilsonite, 3% Salt, 2% CaCI₂, 3 lb/sx GR3 1/4 #/sx

Flocele mixed at 11 ppg, 3.82 ft³/sk. yield, 23 gps water.

Tail:

Class "G" cement with 2% CaCI₂, ½#/sk Flocele mixed at 15.6 ppg, 1.18 ft³/sk., 5.2 gps

water.

EIGHT POINT PLAN NATURAL BUTTES UNIT 535-17E NW/SW, SEC. 17, T10S, R21E, S.L.B.&M.. UINTAH COUNTY, UTAH

CEMENT PROGRAM (Continued):

Top Out: As necessary with Class "G" cement with 2% CaCI₂, ½#/sk Flocele mixed at 15.6 ppg, 1.18

ft³/sk., 5.2 gps water.

Note: Cement volumes will be calculated to bring lead cement to surface and tail cement to

500'above the casing shoe.

Production Hole Procedure (2300'± - TD)

Lead: 117 sks: 35:65 Poz "G" w/4% D20 (Bentonite), 2% D174 (Extender), 0.2% D65

(Dispersant), 0.2% D46 (Antifoam), 0.75% D112 (Fluid Loss Additive), 0.200% D13 (Retarder), 0.25 pps D29 (cello flakes) mixed at 13.0 ppg, 1.75 ft³/sk., 9.19

gps water.

Tail: 1030 sks: 50:50 Poz "G" w/ 2% D20 (Bentonite), 0.1% D46 (Antifoam), 0.075% D13

(Retarder), 0.2% D167 (Fluid Loss Additive), 0.2% D65 (Dispersant), mixed at

14.1 ppg, 1.28 ft³/sk., 5.9gps water.

Note: The above number of sacks is based on gauge-hole calculation.

Lead volume to be calculated to bring cement to 200'± above 9-5/8" casing shoe. Tail volume to be calculated to bring cement to 400'± above top of Wasatch.

Final Cement volumes will be based upon gauge-hole plus 45% excess.

10. ABNORMAL CONDITIONS:

Surface Hole (Surface - 2300'±):

Lost circulation

Production Hole (2300' \pm - TD):

Sloughing shales, lost circulation and key seat development are possible in the Wasatch Formation.

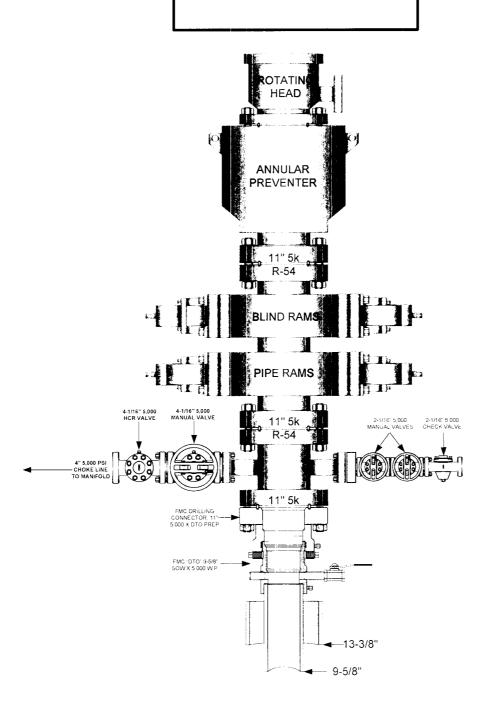
11. STANDARD REQUIRED EQUIPMENT:

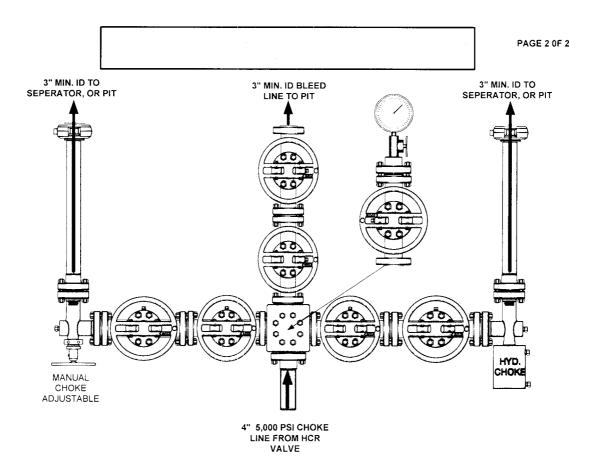
- A. Choke Manifold
- B. Upper and Lower Kelly Cock
- C. Stabbing Valve
- D. Visual Mud Monitoring

12. HAZARDOUS CHEMICALS:

No chemicals subject to reporting under SARA title III in an amount equal to or greater than 10,000 pounds will be used, produced, stored, transported, or disposed of annually in association with the drilling of this well. Furthermore, no extremely hazardous substances, as defined in 40 CFR 355, in threshold planning quantities, will be used, produced, stored, transported, or disposed of in association with the drilling of this well.

(Attachment: BOP Schematic Diagram)





Testing Procedure:

- 1. BOP will be tested with a professional tester to conform to Onshore Order #2.
- 2. Blind and Pipe rams will be tested to rated working pressure, 5,000 psi.
- 3 Annular Preventer will be tested to 50% working pressure, 2,500 psi.
- 4. Casing will be tested to 0.22 psi / ft. or 1,500 psi. Not to exceed 70% of burst strength, whichever is greater.
- 5. All lines subject to well pressure will be tested to the same pressure as blind and pipe rams.
- 6. All BOPE specifications and configurations will meet Onshore Order #2 requirements.

DIVISION OF OIL, GAS AND MINING

SPUDDING INFORMATION

Name of Compa	ny: EOG	RESOURCES INC	
Well Name:	NBU	535-17E	
Api No: 43	3-047-35200	Lease Typ	e: FED-STATE SURF
Section 17 To	wnship 10S Rang	e_21ECounty	UINTAH
Drilling Contrac	tor <u>ROCKY MOUN</u>	TAIN DRILLING	RIG #1
SPUDDED:			
Da	nte		
Ti	me <u>2:00 PM</u>		
Н	owDRY	·	
Drilling will (Commence:		
Reported by	DALL (COOK	
Telephone #	1-435-82	28-3630	
Date01/20	6/2006Signed_	СНД	

+14357897633

T-024 P.001/001 F-644

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS AND MINING

FORM 6

ENTITY ACTION FORM	1	Εľ	ĮT	Т	1,	ľ	A	C	T	K	J	N	F	O	R	N	ı
--------------------	---	----	----	---	----	---	---	---	---	---	---	---	---	---	---	---	---

Operator:

EOG RESOURCES

Operator Account Number: N 9550

Address:

P.O. BOX 250

city BIG PINEY

state WY

zip 83113

Phone Number: (307) 276-4842

Well 1

	ATURAL BUTTES	JNIT 535-17E	Wewn	17	108	21E	UINTAH
Action Code					1 .00	~'-	Olivian
	Current Entity New Entity Number Number		Spud Date		Entity Assignment Effective Date		
B.	B. 99999		1/24/20		6	2/	16/06

Mall 6

API Number	Well	Name	QQ	Sec	Twp	Rng	County	
43-047-35252	NATURAL BUTTES	SESW	18	10\$	21E	UINTAH		
Action Code	Current Entity Number	Spud Date			Entity Assignment Effective Date			
B	99999	2900		2/8/200	6	3/16/06		
Comments: W	STC = WS	mVD					- J	

API Number	Well Name CHAPITA WELLS UNIT 864-33		QQ	Sec	Twp	Rng	County	
43-047-35226			SWNW	98	23E	UINTAH		
Action Code	Current Entity Number	New Entity Number	Spud Date		te	Entity Assignment Effective Date		
₽ A	99999	15183	2/10/2006			2/16/06		
comments: /	PRRV = WSY	null						

ACTION CODES:

- A Establish new entity for new well (single well only)
- Add new well to existing entity (group or unit well)
- C Re-assign well from one existing entity to another existing entity
- D Re-assign well from one existing entity to a new entity
- E Other (Explain in 'comments' section)

Kaylene R. Gardner

Regulatory Assistant

2/15/2006 Date

RECEIVED

FEB 1 5 2006

(5/2000)

DIV. OF OIL, GAS & MINING

Form 3160-5 (April 2004)

1. Type of Well

DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.

SUBMIT IN TRIPLICATE- Other instructions on reverse side.

FORM APPROVED	
OM B No. 1004-0137	
Expires: March 31, 200	ſ

5. Lease Serial No. U-02270-A

6.	If Indian, Allottee or Tribe Name	

7. If Unit or CA/Agreement, Name and/or No.

NATURAL BUTTES UNIT

	8. Well Name and No.			
2. Name of Operator EOG RESO	9. API Well No.			
3a Address P.O. BOX 250 Big Piney WY,	43-047-35200 10. Field and Pool, or Exploratory Area			
4. Location of Well (Footage, Sec., NWSW 1893 FSL 580 FWL S SECTION 17, T10S, R21E 39	.L.B.&M	N		NATURAL BUTTES 11. County or Parish, State UINTAH COUNTY, UTAH
12. CHECK A	PPROPRIATE BOX(ES) TO	INDICATE NATUR	RE OF NOTICE, RI	EPORT, OR OTHER DATA
TYPE OF SUBMISSION		TYI	PE OF ACTION	
✓ Notice of Intent Subsequent Report Final Abandonment Notice	Acidize Alter Casing Casing Repair Change Plans Convert to Injection	Deepen Fracture Treat New Construction Plug and Abandon Plug Back	Production (Statement of Statement of Statem	Well Integrity Other
				y proposed work and approximate duration thereo e vertical depths of all pertinent markers and zones

Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

EOG Resources, Inc. requests authorization for disposal of produced water from the referenced well to any of the following locations.

- 1. Natural Buttes Unit 21-20B SWD.
- 2. Ace Disposal
- 3. RN Industries.

Accepted by the
Utah Division of
Oil, Gas and Mining
FOR RECORD ONLY

 I hereby certify that the foregoing is true and correct Name (Printed/Typed) 								
Kaylene R. Gardner	Title Regulatory Assistant							
Signature	Date	02/15/2006						
THIS SPACE FOR FEDERAL OR STATE OFFICE USE								
Approved by		Title	Date					
Conditions of approval, if any, are attached. Approval of this notice does not warrar certify that the applicant holds legal or equitable title to those rights in the subject lear which would entitle the applicant to conduct operations thereon.	Office							
Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any States any false, fictitious or fraudulent statements or representations as to any matter	person within	knowingly and willfully to make to a its jurisdiction.	any department or agency of the United					

(Instructions on page 2)

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FEB 2 1 2006

Form 3160-5 (April 2004)

1. Type of Wel

3a. Address

Öil Well

P.O. BOX 250 Big Piney WY, 83113

NWSW 1893 FSL 580 FWL S.L.B.&M

2. Name of Operator **EOG RESOURCES, INC.**

Uzza ED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.

SUBMIT IN TRIPLICATE- Other instructions on reverse side.

✓ Gas Well

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

FORM APPROVED
OM B No. 1004-0137
Expires: March 31, 2007
Expires. March 31, 2007

"	U-02270-A
6.	If Indian, Allottee or Tribe Name
7.	. If Unit or CA/Agreement, Name and/or No.
4	NATURAL BUTTES UNIT
8.	Well Name and No. NATURAL BUTTES UNIT 535-17E
9.	API Well No. 43-047-35200
1	0. Field and Pool, or Exploratory Area NATURAL BUTTES
1	. County or Parish, State

SECTION 17, T10S, R21E 39.	945661 LAT 109.582561 LC	UIN	UINTAH COUNTY, UTAH								
12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA											
TYPE OF SUBMISSION		TYP	PE OF ACTION								
Notice of Intent ✓ Subsequent Report Final Abandonment Notice	Acidize Alter Casing Casing Repair Change Plans Convert to Injection	Deepen Fracture Treat New Construction Plug and Abandon Plug Back	Production (Start/Resume) Reclamation Recomplete Temporarily Abandon Water Disposal	Water Shut-Off Well Integrity ✓ Other WELL SPUD							

3b. Phone No. (include area code)

307-276-3331

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

EOG Resources, Inc. spud a 20" surface hole at the referenced location 1/24/2006 at 2:00 p.m. Dall Cook, representative for EOG, notified Matt Baker of the Vernal BLM office and Carol Daniels of the Utah Division of Oil Gas and Mining of the spud 1/24/2006 @ 1:00 p.m.

14. I hereby certify that the foregoing is true and correct Name (Printed/Typed)			
Kaylene R. Gardner	Title	Regulatory Assistant	
Signature	Date	02/15/2006	
THIS SPACE FOR FEDERAL	OR	STATE OFFICE USE	
Approved by		Title	Date
Conditions of approval, if any, are attached. Approval of this notice does not warrar certify that the applicant holds legal or equitable title to those rights in the subject lead which would entitle the applicant to conduct operations thereon.		Office	
Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any States any false, fictitious or fraudulent statements or representations as to any matter	person r within	knowingly and willfully to make to a its jurisdiction.	

(Instructions on page 2)

RECEIVED FEB 2 1 2006

Form 3160-5 (April 2004)

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

FORM APPROVED OM B No. 1004-0137 Expires: March 31, 2007 5. Lease Serial No.

SUNDRY Do not use th abandoned we	U-02270-A 6. If Indian, Allottee or Tribe Name				
SUBMIT IN TRI		CA/Agreement, Name and/or No. Buttes Unit			
1. Type of Well Oil Well	8. Well Name Natural	e and No. Buttes Unit 535-17E			
2. Name of Operator EOG RESOU	JRCES, INC.			9. API Well	
3a. Address		3b. Phone No. (include	area code)	43-047-3	
600 17th St. Suite 1000N, Denv	<u> </u>	303-824-5526		1	Pool, or Exploratory Area AL BUTTES
4. Location of Well (Footage, Sec., 1				11. County o	r Parish, State
NWSW SECTION 17, T10S, F 1893 FSL 580 FWL 39.945661		UINTAH COUNTY, UT			
12. CHECK AF	PPROPRIATE BOX(ES) TO	INDICATE NATUR	E OF NOTICE, R	EPORT, OR	OTHER DATA
TYPE OF SUBMISSION		TYI	PE OF ACTION		
Notice of Intent ✓ Subsequent Report ☐ Final Abandonment Notice	Acidize Alter Casing Casing Repair Change Plans Convert to Injection	Deepen Fracture Treat New Construction Plug and Abandon Plug Back	Production (State Reclamation Recomplete Temporarily Ab		Water Shut-Off Well Integrity Other Drilling Operations
Attach the Bond under which the	ectionally or recomplete horizontal ne work will be performed or provention of the operations. If the operation of Abandonment Notices shall be	ly, give subsurface location ide the Bond No. on file was results in a multiple comm	ns and measured and tru vith BLM/BIA. Require eletion or recompletion i	ie vertical depths ed subsequent re in a new interval,	ports shall be filed within 30 days a Form 3160-4 shall be filed once

Please see attached operations summary report for operations performed on the subject well 2/19/2006 - 3/23/2006.

EOG Resources, Inc. operates under Nationwide Bond #2308

14. I hereby certify that the foregoing is true and correct Name (Printed/Typed) Mary Maestas	Title	Operations Clerk						
Signature Mary Mantan	Date		03/23/2006					
THIS SPACE FOR FEDERAL OR STATE OFFICE USE								
Approved by		Title		Date				
Conditions of approval, if any, are attached. Approval of this notice does not warrar certify that the applicant holds legal or equitable title to those rights in the subject leads to be applied to conduct operations thereon.	Office							
Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any States any false, fictitious or fraudulent statements or representations as to anymatte	person r within	knowingly and willing its jurisdiction.	fully to make to a	ny department or agency of the United				

434,141.20

PERCY

OPERATIONS SUMMARY REPORT

WELL NAME: N

NBU 535-17E

AFE NO:

RIG NAME:

PATTERSON #779

WELL ID NO.: 053381

FIELD NAME:

NATURAL BUTTES UNIT

DEPTH:

2

DSS:

DATE: 2/20/2006

4,750

API NO.: 43-047-35200

302486

EVENT NO.:

EVENT DESC.:

DRILL & COMPLETE

DATE:	2/19/2	006	DSS: 1	DEPTH:	3,080	MUD WT:	8.35	CUM COST TO DATE:	401,394.00
HOURS	<u>PH</u>	<u>OP</u>	ACT			ACTIVIT	Y DESCRIPTI	<u>ON</u>	
3.50	D	OT	RIG UP	GAS BUSTER &	HOOK UP FL	ARE LIN E S.			
2.00	D	OT	MEASUR	RE & CALIPER E	BHA. INSTALLI	ED WEAR RING.			
7.50	D	вн	PU BIT,	MM, ROLLER R	EAMER, DC, F	ROLLER REAMER	R, 13 DC & DF	P TO 2322'.	
1.00	D	ОТ	INSTALL	ROTATING HE	AD, KELLY DF	RIVE BUSHINGS.			
1.00	D	OT	THAW C	OUT CHARGER I	PUMP.				
1.50	D	DC	DRILL C	EMENT, TOP 23	322'. DRILL FC	& FS. DRILL 6' N	NEW HOLE TO	D 2466'.	
0.50	D	PT	RUN INT	EGRITY TEST	450 PSI, 11.9 F	PPG.			
1.50	D	DR	DRILL 2	466' TO 2625, 15	59', 106' PH, W	T16/20, RPM 40/	60, PSI 850/1	200, SPM 115, GPM 400.	
0.50	D	SU		NE SURVEY @ 2					
5.00	D	DR	DRILL 2	625' TO 3080', 4	55', 91' PH, W	Γ 20, RPM 40/65,	PSI 1100, SP	M 120, GPM 408.	
			MUD LO	GGER ON SITE	READY TO LO	OG 2/18/06			
			FORMA ⁻	TION GREEN RI	VER, SHALE 5	50%, SS 40%,LS	10%		
			BG GAS	300U-400U, CC	NN GAS 700-	1100U, DOWN TI	ME GAS 2785	5U @ 2593', HIGH GAS 4134	U CG/FG @ 2402'
			WHILE (ORLG CEMENT					
			SAFETY	MEETING: PU	BHA/100% TIE	OFF ABOVE 6'			
			FUEL U	SED 742 GAL, F	UEL ON HAND	7190 GAL			
			TEMP 2	2 DEGREES					
			NO ACC	IDENTS					
18.00	D		SPUDDE	ED 7 7/8" HOLE	@ 2300 HRS,	2/18/06			

MUD WT:

8.75

CUM COST TO DATE:

Page 1 of 12

PERC'

OPERATIONS SUMMARY REPORT

WELL NAME:

NBU 535-17E

AFE NO: 302486

RIG NAME:

PATTERSON #779

WELL ID NO.: 053381

FIELD NAME:

NATURAL BUTTES UNIT

TEMP 19 DEGREES

TEMP 16 DEGREES NO ACCIDENTS

NO.: 43-047-35200

EVENT NO.:

API NO.: 43

EVENT DESC.: DRILL & COMPLETE

DATE: 2/20/2006 DSS: 2 DEPTH: 4,750 MUD WT: 8.75 CUM COST TO DATE: 434,141.20

HOURS	PH	<u>OP</u>	ACT ACTIVITY DESCRIPTION
0.50	<u></u>	DR	DRILL 3080' TO 3135', 55', 110' PH, WT 18, RPM 40/65, PSI 1200, SPM 118, GPM 410.
0.50	D	SU	WIRELINE SURVEY @ 3058', 1 1/4 DEGREES.
5.50	D	DR	DRILL 3135' TO 3644', 509', 92.54' PH, WT 18, RPM 40/65, PSI 1200, SPM 118, GPM 410.
0.50	D	su	WIRELINE SURVEY @ 3570', 2 DEGREES.
1.00	D	DR	DRILL 3644' TO 3803', 159', 159' PH, WT 18, RPM 40/65, PSI 1250, SPM 118, GPM 410.
0.50	D	RS	RIG SERVICE. FUNCTION TESTED PIPE RAMS. INSPECTED BRAKES & LINKAGE & DRILL LINE. CHECKED
			CROWN-O-MATIC.
5.00	D	DR	DRILL 3803' TO 4154', 351', 70.22' PH, WT 18, RPM 40/65, PSI 1200, SPM 124, GPM 423.
0.50	D	SU	WIRELINE SURVEY @ 4077', 2 DEGREES.
7.00	D	DR	DRILL 4154' TO 4633', 479', 68.42' PH, WT 20, RPM 40/65, PSI 1300, SPM 115, GPM 408.
0.50	D	SU	WIRELINE SURVEY @ 4586', 1 3/4 DEGREES.
0.50	D	DR	DRILL 4633' TO 4688', 55', 110 'PH, WT20, RPM 40/65, PSI 1300, SPM 115, GPM 408.
0.50	D	ОТ	RIG REPAIR, CHANGED SWAB IN PUMP.
1.50	D	DR	DRILL 4688' TO 4750', 62', 41.33' PH, WT20, RPM 40/65, PSI 1350, SPM 115, GPM 408.
			FORMATION WASATCH TOP 4383', SHALE 45%, SS 35%, LS 20%
			BG GAS 300-500U, CONN GAS 1100-1500U, DOWN TIME GAS 7413U @ 4663', HIGH GAS 7413U DTG @ 4663'
			SAFETY MEETING: MOUSEHOLE CONN/RIG INSPECTION
			FUEL USED 1044 GAL, FUEL ON HAND 6146 GAL

			NO A	CCIDI	ENTS		_			
DATE:	2/21/	2006	DSS:	3	DEPTH:	5,970	MUD WT:	9.40	CUM COST TO DATE:	466,885.60
HOURS	PH	<u>OP</u>	<u>ACT</u>				ACTIVITY	DESCRIPTI	<u>ON</u>	
7.50	D	DR	DRIL	L 4750)' TO 5396', 64	6', 86.13' PH	, WT 20,000#, RPM	140/65, PSI	1350, SPM 115, GPM 408.	
0.50	D	RS					PIPE RAMS. CHEC			
5.50	D	DR	DRIL	L 5396	6' TO 5683', 28	37', 52.18' PH	, WT 20, RPM 40/6	5, PSI 1250,	SPM 110, GPM 408.	
0.50	D	SU			SURVEY @ 5					
4.00	D	DR							SPM 110, GPM 408.	
3.00	D	OT	RIG I	REPAI	R, REPAIR #2	PUMP, SUC	TION MANIFOLD (SASKET. CIF	RC W/# 1 PUMP, 74 STROKE	S, CLUTCH NOT
			DIAL	ED IN	ON #1 PUMP	DID NOT W	ANT TO STROKE I	T TO FAST,	WILL DIAL IN.	
3.00	D	DR	DRIL	L 5894	¥' TO 5970', 76	5', 25.33' PH,	WT 20, RPM 40/65	, PSI 1300, S	6PM 110, GPM 408.	
					N BUCK HOR					
			BG G	SAS 10	00-200U, CON	N GAS 250-5	000, DOWN TIME	GAS 530U D	TG @ 5683', HIGH GAS 8686	SU FG @ 5543'
			SAF	ETY M	EETING: MIXI	NG CHEMIC	ALS/MAKING CON	NECTIONS		

DATE: 2/22/2006	DSS:	4	DEPTH:	6,975	MUD WT:	9.60	CUM COST TO DATE:	496,953.60

FUEL USED 2277 GAL, FUEL ON HAND 3872 GAL

OPERATIONS SUMMARY REPORT

WELL NAME:

NBU 535-17E

ACT

AFE NO: API NO.:

302486

RIG NAME:

PATTERSON #779

WELL ID NO.:

053381 43-047-35200

FIELD NAME: **EVENT NO.:** NATURAL BUTTES UNIT

EVENT DESC.:

DRILL & COMPLETE

DATE: 2/22/2006

0.50

RS

DSS: 4 DEPTH: 6,975

MUD WT:

9.60

ACTIVITY DESCRIPTION

CUM COST TO DATE:

496,953.60

HOURS PH OP 8.50 D DR

DRILL 5970' TO 6384', 414', 4870' PH, WT 20/25, RPM 40/65, PSI 1600, SPM 115, GPM 423.

RIG SERVICED. FUNCTION TESTED PIPE RAMS. CHECK CROWN-O-MATIC.

D D DR 15.00

DRILL 6384' TO 6975', 591', 39.4' PH, WT20/30, RPM 40/65, PSI 1700, SPM 110, GPM 423.

FORMATION NORTH HORN TOP 6274', SHALE 55%, SS 45%

BG GAS 100-200U, CONN GAS 150-200U, HIGH GAS 6310U @ 6284'

SAFETY MEETING: MIXING MUD/MIXING CHEMICALS

FUEL USED 532 GALS, ON HAND 3872 GALS

BOILER 24 HRS TEMP 17 DEG NO ACCIDENTS

DATE: 2/23/2006

DSS:

5 DEPTH: 7,400

MUD WT:

9.70

ACTIVITY DESCRIPTION

CUM COST TO DATE:

540,915.30

OP HOURS PH DR 5.00 D

ACT DRILL 6975' TO 7054', 79'.

SERVICED RIG. FUNCTION TESTED ANNULAR. 1.00 D SR

DR DRILL 7054' TO 7400', 346'. D 17.50 CIRCULATE FOR BIT TRIP, LOW ROP. 0.50 D CA

NO ACCIDENTS OR INCIDENTS

SAFETY MEETING: RIG SERVICE/CONNECTIONS/WEATHER

BOILER 24 HRS TEMP 21 DEGREES

FUEL RECIEVED 4500 GALS, FUEL USED 930 GALS, FUEL ON HAND 7442 GALS

GPM 425

DATE: 2/24/2006

DSS:

OP

BH

DEPTH: 6

7,625

MUD WT:

9.90

ACTIVITY DESCRIPTION

CUM COST TO DATE:

572,618.50

HOURS

1.00

TRIP. POH FOR BIT CHANGE.

<u>PH</u> TR 6.00 D SR 0.50 D D

SERVICED RIG.

CHANGED OUT BIT AND MUD MOTOR.

DRILL 7400' TO 7625'. 6.50 D TR WASH/REAM FROM 7337' TO 7400'. BOTTOMS UP GAS 1832U. D WA 1.00

ACT

DRILL 7400' TO 7625'. DL 9.00

NO ACCIDENTS OR INCIDENTS

BOILER HRS 24

FUEL ON HAND 6281 GAL, FUEL USED 1161 GALS

SLTST 40%, SS 30%, SH 30%

BG GAS 150/300U, CONN GAS 500/1500U, MAX GAS 1832U @ 7400'

DATE: 2/25/2006

DSS:

DEPTH:

8,125 MUD WT: 10.30

CUM COST TO DATE:

616,240.90

OPERATIONS SUMMARY REPORT

WELL NAME: RIG NAME:

FIELD NAME:

NBU 535-17E

PATTERSON #779

NATURAL BUTTES UNIT

EVENT NO.:

AFE NO:

302486

053381 WELL ID NO.: API NO.:

43-047-35200

EVENT DESC.:

DRILL & COMPLETE

DATE:	2/25/	2006	DSS:	7	DEPTH:	8,125	MUD WT:	10.30	CUM COST TO DATE:	616,240.90
HOURS	<u>PH</u>	OP	ACT				ACTIVITY	DESCRIPTI	ON	
1.50	D	DR	DRILL	. 7625	TO 7662'.					
0.50	D	CA	CIRC	JLATE	. MAX GAS @) 5500U, IN	CREASE MW TO 1	0.4 PPG.		
8.00	D	DR	DRILL	. 7662	' TO 7790'.					
0.50	D	SR	SERV	ICED	RIG. FUNCTI	ON TESTED	PIPE RAMS.			
13.50	D	DR	DRILL	7790	' TO 8125', 10	.7 PPG, 34 \	∕IS.			
			FUEL NO A	TY ME	EETING: PINC) 1339 GALS, :NTS		WHILE TRIPPING 1992 GALS			
			FORM	/ATIO	N SS 60%, SI	1 30%, CAR	SPM 118, RT 40/60 B 10%, SS 10% /3500U, MAX GAS	6000 @ 7836	5'	

DATE:	2/26/	2006	DSS:	8	DEPTH:	8,580	MUD WT:	10.60	CUM COST TO DATE:	645,221.30
HOURS	PH	<u>OP</u>	ACT							
5.50	D	DR			' TO 8277'.					
4.00	Κ	RR	LD 1	SINGL	E, WORK PIF	PE WHILE C	HANGING OUT SV	VAB ON MUD	PUMP.	
1.00	D	DR	DRIL	L 8277	' TO 8296'.					
0.50	D	SR	SER	VICE R	IG. FUNCTIO	N TESTED	ANNULAR.			
8.50	D	DR			' TO 8491'.					
0.50	K	RR	CHA	NGE S	WAB ON #2 N	MUD PUMP,	#1 DOWN TEMP.	WORKED PIF	PE, MONITOR WELL.	
4.00	D	DR	DRII	L 8491	' TO 8580', M	UD WT 10.7	PPG.			
			NO A	ACCIDE	ENTS					
			BOI	ER 24	HRS					
					IAND 3608 G					
			SAF	ETY MI	EETING: LOC	K OUT WHE	EN WORKING ON	MUD PUMPS	/FORKLIFT OPERATIONS	
			BG :	300/600		200, MAX GA	50, SPM 112, RT/\ S 6445U @ 8375'	VT 224K, UP	WT 232K, DOWN WT 218K	
DATE:	2/27	/2006	DSS:	9	DEPTH:	8,836	MUD WT:	10.50	CUM COST TO DATE:	686,336.00

OPERATIONS SUMMARY REPORT

NBU 535-17E WELL NAME:

AFE NO: 302486 WELL ID NO.:

RIG NAME:

PATTERSON #779

053381

FIELD NAME: **EVENT NO.:** NATURAL BUTTES UNIT

API NO.: 43-047-35200

EVENT DESC.:

DRILL & COMPLETE

DATE: 2/27/2006

DSS:

DEPTH: 9

8,836

MUD WT:

10.50

CUM COST TO DATE:

686,336.00

ACTIVITY DESCRIPTION HOURS PH <u>OP</u> **ACT** DR DRILL 8580' TO 8682'. 7.00 D D SR SERVICED RIG. 1.00

14.50 D DR 1.00 D CA DRILL 8682' TO 8836' MW 10.8 PPG. CIRCULATE, FLOW CHECK AND PUMP SLUG.

D TR 1.00

DROP SURVEY, POH FOR BIT CHANGE.

NO ACCIDENTS OR INCIDENTS

BOILER 24 HRS

FUEL REC 4000 GALS, FUEL USED 1592 GALS, FUEL ON HAND 6016 GALS

SAFETY MEETING: DRAWWORKS BRAKE ADJUSTMENTS

BG GAS 900-1200U, CONN GAS 2000-4500 U, HIGH GAS 7152 U @ 8610'

SH 50%, SS 40%, SLTST 10%

CUM COST TO DATE: DEPTH: 9,075 MUD WT: 10.90 DATE: 2/28/2006 DSS: 10

722,467.90

HOURS	PH	<u>OP</u>	<u>ACT</u>	ACTIVITY DESCRIPTION
4.00	D	TR		TOH. FLOW CHECK AT 9 5/8" SHOE AND TOP OF BHA. PULL ROTATING HEAD RUBBER.
2.00	D	вн		CLEAN AND CHECK REAMERS. LAY OUT BOTTOM REAMER, LOOSE PIN BEARINGS. BREAKOUT BIT.
2.00	D	вн		MU NEW BIT. PU NEW REAMER. MU BHA. INSTALL ROTATING HEAD RUBBER. RIH TO 543'.
1.00	D	SR		RIG SERVICE. ADJUST DRAWWORKS BRAKE LINKAGE.
6.50	D	TR		CONTINUE TRIP IN HOLE TO 8800', HOLE SLICK.
0.50	D	WA		WASH/REAM FROM 8800' TO 8836'. BOTTOMS UP GAS 8868U. INITIAL FLARE ABOUT 8' LONG THEN DROPING
				OFF. TOTAL FLARE TIME ±10 MIN.
8.00	D	DR		DRILL 8836' TO 9075'. MUD WT 10.8 PPG.

NO ACCIDENTS OR INCIDENTS

BOILER HRS 24

FUEL ON HAND 4672 GALS, FUEL USED 1344 GALS SAFETY MEETING: PINCH POINTS WHILE TRIPPING

BG GAS 3100-3300U, CONN GAS 6600-7600U, TRIP GAS 8868U, HIGH GAS 8206U

SS 50%, SH 40%, SLTST 10%

DATE: 3/1/2006

DSS:

11 DEPTH: 9,435

MUD WT:

10.90

CUM COST TO DATE:

751,793.20

OPERATIONS SUMMARY REPORT

WELL NAME: NBU 535-17E

PATTERSON #779

AFE NO:

RIG NAME: NATURAL BUTTES UNIT WELL ID NO.: 053381

FIELD NAME: **EVENT NO.:**

API NO.: 43-047-35200

302486

DRILL & COMPLETE

EVENT DESC.:

9,435 MUD WT: 10.90 **CUM COST TO DATE:** 751,793.20

DATE:	3/1/200	06	DSS:	11	DEPTH:	9,435	MUD WT:	10.90	CUM COST TO DATE:	751,793.20
HOURS	<u>PH</u>	<u>OP</u>	<u>ACT</u>				<u>ACTIVIT</u>	Y DESCRIPTI	ON	
8.50	D	DR	DRI	LL 9075	5' TO 9222'.					
1.00	D	SR	SEF	RVICED	RIG.					
5.00	D	DR	DRI	LL 9222	2' TO 9336'.					
1.50	K	RR	RIG	REPAI	R, WORK ON	BOTH MUD	PUMPS.			
8.00	D	DR	DRI	LL 9336	6' TO 9435', M\	W 11.2 PPG.				
			NO	ACCIDI	ENTS OR INCI	DENTS				
			воі	LER HF	RS 24					
			SAF	ETY M	EETING: USE	OF AIR HOI	ST			
			FUE	EL ON F	IAND 3608 GA	LS, FUEL U	SED 1064 GALS			
					00 - 3300U, C 1 40%, SLTST		600 -7600U, HIGH	GAS 8206U (<u>බු</u> 8919'	

DATE:	3/2/2006		DSS:	12	DEPTH:	9,646	MUD WT:	9.20	CUM COST TO DATE:	797,616.10					
HOURS	<u>PH</u>	<u>OP</u>	ACT				ACTIVITY	DESCRIPT	ON						
4.00	D	DR	DRI	LL 9435	5' TO 9458'.										
2.00	K	RR	RIG	REPAI	R, WORK ON	MUD PUMP	S.								
0.50	D	SR	SEF	SERVICED RIG.											
17.50	D	DR	DRI	DRILL 9458' TO 9646', MW 11.2 PPG. CIRC @ 06:00 HRS. MOTOR DONE, HIGH PRESSURE.											
			BOI SAF FUE	LER HE	EETING: MIXI IEVED 4500 G	NG CHEMIC ALS, FUEL (ON HAND 6934 GA		SED 1174 GALS TTMS UP AFTER DOWN TIM	Ε)					

DATE : 3/3/2006	DSS:	13	DEPTH:	9,646	MUD WT:	11.40	CUM COST TO DATE:	822,430.10

PERC'

OPERATIONS SUMMARY REPORT

WELL NAME: NBU 535-17E

AFE NO: 302486

RIG NAME:

PATTERSON #779

NATURAL BUTTES UNIT

WELL ID NO.: 053381

FIELD NAME:

API NO.:

43-047-35200 DRILL & COMPLETE

EVENT NO.:

EVENT DESC.:

DATE: 3/3/2006 **DSS:** 13 **DEPTH:** 9,646 **MUD WT:** 11.40 **CUM COST TO DATE:** 822,430.10

HOURS	PH	OP	ACT ACTIVITY DESCRIPTION	_
1.00	D	CA	CIRCULATE PRIOR TO TRIP. MIX & PUMP SLUG. DROP SURVEY.	
6.00	D	TR	TOH FOR MUD MOTOR CHANGE. FLOW CHECK @ BOTTOM, 10 STDS, SHOE AND @ BHA.	
2.00	D	вн	LD TOP RMR, MUD MOTOR AND BREAK OUT BIT.	
2.50	D	вн	PU NEW MOTOR, RMR AND MAKE UP NEW BIT. RUN BHA IN HOLE TO 500'.	
0.50	D	OT	INSTALL ROTATING RUBBER.	
1.50	D	TR	TIH TO 9 5/8" CSG SHOE.	
1.00	D	SL	SLIP & CUT DLG LINE.	
4.50	D	TR	TIH TO 9500'. BREAK CIRC @ 4000', 6000' & 8000'.	
5.00	D	WA	WASH/REAM FROM 9500' TO 9575', MW 11.4 PPG.	
			NO ACCIDENTS	
			BOILER HRS 24	
			SAFETY MEETING: FORKLIFT DRIVERS	
			FUEL USED 521 GALS, FUEL ON HAND 6413 GALS	

8000U @ BTTMS UP 9500', 3' FLARE FOR 5 MIN

DATE:	3/4/20	06	DSS:	14	DEPTH:	9,815	MUD WT:	11.30	CUM COST TO DATE:	851,524.10			
HOURS	PH	<u>OP</u>	ACT				ACTIVITY	<u>'DESCRIPTI</u>	<u>ON</u>				
2.00	D	WA	WA	SH/REA	M FROM 957	5' TO 9646'.							
2.50	D	DR	DRI	LL 9646	6' TO 9697', 80	000U, CONST	ANT 6' FLARE.						
0.50	D	SR	SEF	RVICED	RIG.								
6.50	D	DR	DRI	LL FRO	M 9697' TO 9	815' TD, FLO'	W CHECK. REACH	HED TD AT 1	7:30 HRS, 3/3/06.				
1.50	D	CA	CIR	CULATI	E HOLE CLEA	N/CONDITIO	N MUD, INCREAS	E MW TO 11	I.6 PPG.				
2.00	D	CA	FLC	FLOW CHECK 15 MIN. CIRC & CONDITION MUD, INCREASE MW TO 11.7 PPG.									
0.50	D	CA	FLC	W CHE	CK, PUMP SI	₋UG.							
1.00	D	TW	WIF	ER TRI	P/SHORT TR	IP, 20 STDS,	FLOW CHECK.						
1.50	D	TW	RIH	TO 978	30'. PU KELLY	AND BREAK	CIRCULATION. V	VASH TO 98	15'.				
1.00	D	CA	CIR	CULATI	E BTTMS UP,	MAX GAS 82	200U. LOSSES UP	TO 16 BBL/I	HR.				
2.00	D	CA	COI	NTINUE	TO CIRCULA	TE AT LOWE	ER SPM (60) ADDI	NG LCM TO	ACTIVE AND BUILDING 100	BBLS OF LCM PILL.			
3.00	D	CA	PU	MP LCM	PILL. CIRCU	LATE/CONDI	TION MUD. GAS F	READINGS C	ONSTANT AT 6000-7000U, M	IW 11.6. BUILD 150			
			BBL	S OF W	VT PILL.								

NO ACCIDENTS BOILER 24 HRS

SAFETY MEETING: PPE/HOUSE KEEPING

FUEL ON HAND 5076 GALS, FUEL USED 1337 GALS

BG GAS 6900-7300U, TRIP GAS 7722U @ 9647', HIGH GAS 8021 @ 9692'

DATE: 3/5/2006 DSS: 15 DEPTH: 9,815 MUD WT: 11.60 CUM COST TO DATE: 885,118.50

OPERATIONS SUMMARY REPORT

WELL NAME: NBU 535-17E

PATTERSON #779

AFE NO:

302486

RIG NAME:

NATURAL BUTTES UNIT

WELL ID NO.:

053381 43-047-35200

EVENT NO.:

FIELD NAME:

API NO.: **EVENT DESC.:**

DRILL & COMPLETE

DATE: 3/5/2006 DSS: 15 **DEPTH:** 9,815 MUD WT: 11.60 **CUM COST TO DATE:** 885,118.50

HOURS	PH	OP	ACTIVITY DESCRIPTION
3.50	D	CA	CIRCULATE/CONDITION MUD. CONTINUE BUILDING WT PILL, MAINTAIN 11.6 MW IN ACTIVE, NO LOSSES.
0.50	D	PL	SPOT 100 BBLS OF 14.5 PPG PILL ON BOTTOM.
2.50	D	TR	FLOW CHECK. TRIP OUT OF HOLE FOR LOGS, 9 BBLS/HR LOSSES, HOLE SLICK.
1.00	D	CA	CIRCULATE AND MIX 80 BBL LCM PILL.
0.50	D	PL	SPOT 80 BBL LCM PILL @ 4786'.
1.00	D	TR	FLOW CHECK. TRIP OUT OF HOLE TO 3282'.
1.00	D	PL	MIX AND PUMP PILL.
4.00	D	TR	FLOW CHECK. TOH FROM 3282'. LD RMRS AND MUD MOTOR.
2.00	D	WY	PRE-JOB SAFETY MEETING. RU SCHLUMBERGER WL.
6.50	D	WY	ATTEMPT TO LOG, UNABLE TO PASS 4894'. REMOVE BOW SPRINGS. RIH AT A FAST SPEED, SAME DEPTH
			RESULT.
1.00	D	WY	RIG DOWN LOGGERS.
0.50	D	вн	MAKE UP BIT AND SLICK BHA ASSY.
			NO ACCIDENTS OR INCIDENTS
			BOILER 24HRS

HIGH GAS 7899U @ 9751'

FUEL ON HAND 4942 GALS, FUEL USED 134 GALS

DATE: 3/6/2006 DSS: 16 DEPTH: 9,815 MUD WT: 11.70 **CUM COST TO DATE:** 927,265.98

SAFETY MEETING: MIXING CHEMICALS/PPE/SACK DISPOSAL AND CARE WHEN HANDLING THE MT SACKS

<u>HOURS</u>	<u>PH</u>	<u>OP</u>	<u>ACT</u>	ACTIVITY DESCRIPTION
5.00	D	вн		M/U BHA. TIH TO 4850'.
1.50	D	WA		WASH/REAM FROM 4850' TO 4942'.
2.50	D	CA		WORK FULL KELLY & SINGLE WHILE CIRC/CONDITION MUD. HOLE UNLOADING MASS SHALE CUTTINGS AND
				SPLINTERS. LARGER PIECES ARE DRY INSIDE.
0.50	D	LD		LD 6 SINGLES OF DRILL PIPE.
2.00	D	WA		W&R FROM 4842' TO 5132'.
2.00	D	CA		CIRCULATE HOLE CLEAN. WORK ON MIX PUMP MOTORS WHILE CIRCULATING.
1.50	D	TR		TIH TO 5500'.
1.00	D	CA		CIRC/CONDITION MUD.
1.50	D	TR		RIH TO 6400'.
2.50	D	WA		WASH/REAM TO 7006'.
1.00	D	CA		CIRC/COND MUD.
1.00	D	WA		WASH/REAM FROM 7042' TO 7393'.
1.00	D	CA		CIRC/COND MUD.
1.00	D	TR		RIH FROM 7383' TO 7800'.

NO ACCIDENTS

BOILER 24 HRS

SAFETY MEETING: TRAINING NEW HIRES

HIGH GAS 8302U @ 7036'

DATE: 3/7/2006 DSS: 17 DEPTH: 9,815

MUD WT:

11.50

CUM COST TO DATE:

962,691.38

Page 8 of 12

PERC'

OPERATIONS SUMMARY REPORT

WELL NAME: NBU 535-17E

PATTERSON #779

AFE NO: 302486

RIG NAME: PATTERSO

WELL ID NO.: 053381

FIELD NAME:

NATURAL BUTTES UNIT

API NO.: 43-047-35200

EVENT NO.: 1

EVENT DESC.:

DRILL & COMPLETE

L			
<u>HOURS</u>	<u>PH</u>	<u>OP</u>	ACTIVITY DESCRIPTION
2.50	D	CA	CIRCULATE/CONDITION MUD. HOLE PACKING OFF. WORK PIPE FROM 7797' TO 7839'. MIX LCM INTO ACTIVE,
			BUILD VOLUME. LOSSES UP TO 40 BBL/HR.
0.50	D	TR	TIH. TAG @ 7933'. W&R FROM 7903' TO 7965'.
1.00	D	TR	TIH 6 STDS.
1.00	D	CA	CIRC/CONDITION MUD.
0.50	D	TR	TIH 4 STDS.
1.50	D	CA	CIRC/CONDITION MUD.
1.50	D	WA	TIH 2 STDS. W&R FROM 8687' TO 8729'.
1.00	D	TR	TIH 4 STDS. SOME WASHING DOWN.
3.50	D	WA	TIH 4 STDS. BREAKING OUT SINGLES AND WASHING DOWN.
1.00	D	WA	WASH/REAM 3 JTS OF DRILL DIPE.
1.00	D	CA	CIRCULATE/CONDITION MUD.
0.50	D	TR	TIH 4 STANDS.
1.00	D	CA	CIRCULATE/CONDITION MUD.
2.50	D	WA	WASH/REAM 5 JTS OF DRILL PIPE TO 9815'.
2.00	D	CA	CIRCULATE/CONDITION MUD.
1.50	D	PL	SPOT 300 BBL OF 14.5 PPG WEIGHT PILL. DISPLACE WITH 11.6 PPG MUD.
1.50	D	TR	FLOW CHECK. PULL OUT OF HOLE, NO ROTATING, USING PIPE SPINNER.
			NO ACCIDENTS
			BOILER 24 HOURS
			FUEL ON HAND 2221 GAL, FUEL USED 1126 GAL
			SAFETY MEETING: LOGGING WITH SCHLUMBERGER

	BG GAS 7500 - 8000U, HIGH GAS 8966U @ 9707'													
DATE:	3/8/20	006	DSS:	18	DEPTH:	9,815	MUD WT:	11.60	CUM COST TO DATE:	1,061,121.38				
HOURS	<u>PH</u>	<u>OP</u>	<u>ACT</u>				ACTIVIT	Y DESCRIPTI	<u>ON</u>					
5.00	D	TR	TR	IP OUT (OF HOLE FOR	R LOGS. NO I	LOSSES, NO GAII	NS. HOLE SL	ICK.					
2.00	D	вн	FLO	OW CHE	CK. POOH A	ND RACK BA	ACK BHA.							
0.50	D	WY	HE	LD PRE-	JOB SAFETY	MEETING. I	RU SCHLUMBER	GER WIRE LI	NE.					
5.50	D	WY	RIH	AND LO	OG WITH TRI	PLE COMBO	LOGGERS DEPT	ГН 9815', ВНТ	189F.					
2.00	D	WY	RIC	DOWN	SCHLUMBER	RGER.								
0.50	D	OT	PU	LL WEA	R BUSHING.									
2.00	D	OT	RIC	UP TO	RUN CASING).								
0.50	D	OT	PR	E-JOB S	AFETY MEET	ING.								
6.00	D	ОТ	MU	SHOE 1	RACK. TEST	FLOAT EQU	IPMENT. RUN 4 1	/2" CASING.						
				ACCIDE	-									
			BO	II FR 24	HRS									

DATE: 3/9/2006 DSS: 19 DEPTH: 9,815 MUD WT: CUM COST TO DATE: 1,233,218.49

FUEL REC 4000 GAL, FUEL ON HAND 5111 GAL, FUEL USED 1010 GAL

SAFETY MEETING: RUN CASING

OPERATIONS SUMMARY REPORT

WELL NAME:

FIELD NAME:

NBU 535-17E

RIG NAME: PATTERSON #779

NATURAL BUTTES UNIT

EVENT NO.:

AFE NO: 302486

WELL ID NO .: 053381

API NO.:

EVENT DESC.: DRILL & COMPLETE

43-047-35200

DATE: 3/9/2006 DSS: 19 DEPTH: 9.815 MUD WT: CUM COST TO DATE: 1,233,218.49 HOURS PH <u>OP</u> ACT **ACTIVITY DESCRIPTION** 2.50 RC RUN 4 1/2" CASING. TAG BOTTOM. LAY DOWN TAG JT. MAKE UP LANDING JT. D 0.50 D RC RIG DOWN POWER TONGS, INSTALL CMT HEAD. 0.50 D CA CIRCULATE THROUGH GAS BUSTER. TAG BOTTOM. 1.50 D OT RIG UP POWER TONGS. LAY DOWN LANDING JT. PU 20' SHORT JT, PU LANDING JT. ATTEMPT TO CIRC TO BOTTOM, LAY DOWN JT & SHORT JT. PU LANDING JT. TAG UP. D 1.50 SAFETY MEETING W/SCHLUMBERGER. RIG UP CEMENT HEAD. CIRC BOTTOMS UP, NO PROBLEM. CA 3.00 D CM CEMENT CASING W/SCHLUMBERGER, LEAD 625 SKS 35/65 POZ, TAIL 1720 SKS 50/50 POZ. DISPLACE W/151 BBLS KCL WATER, FULL RETURNS THROUGH OUT, 30 BBLS RETURN. BUMP PLUG 3500 PSI, SET ON DTO HANGER W/76,000#. TESTED DTO MANDRELL HANGER TO 5000 PSI. SHOE SET @ 9803'. 14.50 LD HELD SAFETY MEETING W/ FRANKS, RIG UP FANKS HAWK JAR TO LAY DOWN DRILL STRING, LAY DOWN DC & DΡ **RELEASE MUD LOGGER 3/8/06** SAFETY MEETINGS ON LAYING DOWN DP OUT OF MOUSE HOLE, USING HAWK JAW MAACHINE

3/10/	2006	DSS:	20	DEPTH:	9,815	MUD WT:	CUM COST TO DATE:	1,279,341.49
PH	OP	<u>ACT</u>	· -			ACTIVITY DE	ESCRIPTION	
D	ОТ	FIN	ISHED	LD DP.				
D	RS	RD	FRANK	'S EQUIPMEN	T.			
D	СВ	CLE	ANED	MUD TANKS.				
		SAF	ETY M	EETING: RD F	RT/LOWER F	RIG SUB		
		BOI	LER 24	HRS				
		TRA	NSFER	RRED 4672' GA	LS DIESEL	TO NBU 536-18E		
		NO.	ACCID	ENTS				
D		REL	EASE f	RIG AT 13:30 H	IRS, 3/9/06.			
		CAS	ING PO	DINT COST \$1	,137,622			
	D D	D OT D RS D CB	D OT FIND RS RD CLE	D OT FINISHED D RS RD FRANK D CB CLEANED SAFETY M BOILER 24 TRANSFER NO ACCIDE	D OT FINISHED LD DP. D RS RD FRANK'S EQUIPMEN D CB CLEANED MUD TANKS. SAFETY MEETING: RD F BOILER 24 HRS TRANSFERRED 4672' GA NO ACCIDENTS D RELEASE RIG AT 13:30 F	D OT FINISHED LD DP. D RS RD FRANK'S EQUIPMENT. D CB CLEANED MUD TANKS. SAFETY MEETING: RD RT/LOWER F BOILER 24 HRS TRANSFERRED 4672' GALS DIESEL NO ACCIDENTS	D OT FINISHED LD DP. D RS RD FRANK'S EQUIPMENT. D CB CLEANED MUD TANKS. SAFETY MEETING: RD RT/LOWER RIG SUB BOILER 24 HRS TRANSFERRED 4672' GALS DIESEL TO NBU 536-18E NO ACCIDENTS D RELEASE RIG AT 13:30 HRS, 3/9/06.	PH OP ACT ACTIVITY DESCRIPTION D OT FINISHED LD DP. D RS RD FRANK'S EQUIPMENT. D CB CLEANED MUD TANKS. SAFETY MEETING: RD RT/LOWER RIG SUB BOILER 24 HRS TRANSFERRED 4672' GALS DIESEL TO NBU 536-18E NO ACCIDENTS D RELEASE RIG AT 13:30 HRS, 3/9/06.

DATE: 3/16/2006	DSS:	21	DEPTH:	9,815	MUD WT:	CUM COST TO DATE:	1,319,441.49

HOURS	<u> PH</u>	<u> </u>	<u>ACT</u>	ACTIVITY DESCRIPTION
24 00	\sim	\cap T		DILECTION DEDCED DAN DETION AID IODICOL FROM DETE

RU SCHLUMBERGER. RAN RST/CBL/VDL/GR/CCL FROM PBTD TO 1000'. CEMENT TOP @ SURFACE. RD

SCHLUMBERGER.

BOILER 24 HRS

DATE: 3/18/2006	DSS:	22	DEPTH:	9,815	MUD WT:	CUM COST TO DATE:	1,322,941.49
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HOURS PH <u>OP</u> ACT **ACTIVITY DESCRIPTION** 24.00 С OT NU 10M FRAC TREE. PRESSURE TESTED CASING & TREE TO 6500 PSIG.

RU CUTTERS WIRELINE. PERFORATED LPR FROM 9550'-51', 9581'-82', 9588'-89', 9609'-10', 9616'-17', 9628'-29', 9642'-43', 9647'-48', 9652'-53', 9669'-70', 9675'-76', 9683'-84', 9710'-11' & 9720'-21' @ 2 SPF & 180° PHASING. RDWL. SI. WILL RUN BHP GUAGES 3/19/06.

OPERATIONS SUMMARY REPORT

WELL NAME:

NBU 535-17E

RIG NAME:

PATTERSON #779

FIELD NAME:

NATURAL BUTTES UNIT

EVENT NO.:

AFE NO:

302486

WELL ID NO.:

053381

API NO .: **EVENT DESC.:** 43-047-35200 DRILL & COMPLETE

DATE: 3/20/2006

DSS:

DSS:

23 DEPTH: 9,815

MUD WT:

1,326,441,49

HOURS PH

<u>ACT</u>

CUM COST TO DATE:

24.00 С OP OT

ACTIVITY DESCRIPTION

SICP 1800 PSIG. RU SCHLUMBERGER SLICK LINE. RIH WITH BHP GUAGES & STACKED OUT @ 44'. FLOWED 1 MIN TO REMOVE PLUG. RIH WITH GUAGES TO 9721'. SI FOR BHPBU. WILL RECOVER GUAGES @ 5 AM.

DATE: 3/22/2006

С

24 DEPTH:

9,815

MUD WT:

CUM COST TO DATE:

1,329,516,49

HOURS PH

24.00

<u>OP</u> ACT OT

ACTIVITY DESCRIPTION

SICP 1850 PSIG. RU CUTTERS WIRELINE. PERFORATED LPR FROM 9550'-51', 9581'-82', 9588'-89', 9609'-10', 9616'-17', 9628'-29', 9642'-43', 9647'-48', 9652'-53', 9669'-70', 9675'-76', 9683'-84', 9710'-11' & 9720'-21' @ 2 SPF & 180° PHASING. RDWL. RU SCHLUMBERGER. FRAC DOWN CASING WITH 165 GAL GYPTRON T-106, 4945 GAL YF125ST+ PAD, 53351 GAL YF125ST+ & YF118ST+ WITH 167100# 20/40 SAND @ 1-5 PPG. MTP 6526 PSIG. MTR 49.7 BPM. ATP 5721 PSIG. ATR 47.4 BPM. ISIP 3785 PSIG. RD SCHLUMBERGER.

RUWL. SET 10K CFP AT 9410'. PERFORATED LPR FROM 9208'-09', 9215'-16', 9228'-29', 9236'-37', 9240'-41', 9248'-49', 9257'-58', 9280'-81', 9292'-93', 9306'-07', 9324'-25', 9332'-33', 9374'-75' & 9380'-81' @ 2 SPF & 180° PHASING. RDWL. RU SCHLUMBERGER. FRAC DOWN CASING WITH 165 GAL GYPTRON T-106, 4943 GAL YF125ST+ PAD, 51631 GAL YF125ST+ & YF118ST+ WITH 169000# 20/40 SAND @ 1-6 PPG. MTP 6256 PSIG. MTR 49.7 BPM. ATP 5546 PSIG. ATR 46.4 BPM. ISIP 3080 PSIG. RD SCHLUMBERGER.

RUWL. SET 10K CFP AT 9180'. PERFORATED LPR FROM 8905'-06', 8920'-21', 8935'-36', 8973'-74', 8988'-89', 9006'-08', 9034'-36', 9060'-61', 9084'-85', 9117'-18', 9136'-37' & 9150'-51' @ 2 SPF & 180° PHASING. RDWL. RU SCHLUMBERGER. FRAC DOWN CASING WITH 165 GAL GYPTRON T-106, 4946 GAL YF125ST+ PAD, 50536 GAL YF125ST+ & YF118ST+ WITH 155200# 20/40 SAND @ 1-6 PPG. MTP 6575 PSIG. MTR 50.6 BPM. ATP 5956 PSIG. ATR 43.8 BPM. ISIP 4513 PSIG. RD SCHLUMBERGER.

RUWL SET 10K CFP AT 8890'. PERFORATED LPR FROM 8707'-08', 8720'-21', 8728'-29', 8736'-37', 8760'-61', 8779'-80', 8790'-91', 8806'-07', 8822'-23', 8840'-41', 8854'-55' & 8871'-72' @ 2 SPF & 180° PHASING. RDWL. RU SCHLUMBERGER. FRAC DOWN CASING WITH 165 GAL GYPTRON T-106, 4950 GAL YF125ST+ PAD, 52254 GAL YF125ST+ & YF118ST+ WITH 171000# 20/40 SAND @ 1-6 PPG. MTP 6535 PSIG. MTR 49.7 BPM. ATP 6095 PSIG. ATR 42.5 BPM. ISIP 3980 PSIG. RD SCHLUMBERGER.

RUWL. TAGGED SAND AT 8640'. RDWL.

FLOWED 10 HRS. 16/64" CHOKE. FCP 2550 PSIG. 52 BFPH. RECOVERED 520 BLW. 5049 BLWTR.

DATE: 3/23/2006

DSS:

25 DEPTH: 9,815

MUD WT:

CUM COST TO DATE:

1,375,877.49

OPERATIONS SUMMARY REPORT

WELL NAME: NBU 535-17E

AFE NO:

302486

RIG NAME:

PATTERSON #779

WELL ID NO.: 053381

FIELD NAME:

NATURAL BUTTES UNIT

API NO.:

43-047-35200

EVENT NO.:

<u>OP</u>

OT

EVENT DESC.:

DRILL & COMPLETE

HOURS PH

DATE: 3/23/2006

С

DSS:

25 DEPTH: 9,815

MUD WT:

CUM COST TO DATE:

1,375,877.49

12.50

ACT

ACTIVITY DESCRIPTION

RUWL. SET 10K CFP AT 8685'. PERFORATED MPR FROM 8466'-67', 8483'-84', 8495'-96', 8526'-27', 8542'-43', 8559'-60', 8574'-75', 8594'-95', 8617'-18', 8628'-29', 8639'-40', 8649'-50', 8659'-60' & 8666'-67' @ 2 SPF & 180° PHASING. RDWL. RU SCHLUMBERGER. FRAC DOWN CASING WITH 165 GAL GYPTRON T-106, 4941 GAL YF125ST+ PAD, 58,437 GAL YF125ST+ & YF118ST+ WITH 191,270# 20/40 SAND @ 1-6 PPG, MTP 6253 PSIG, MTR

50.3 BPM. ATP 5933 PSIG. ATR 48.6 BPM. ISIP 3200 PSIG. RD SCHLUMBERGER.

RUWL SET 10K CFP AT 8435'. PERFORATED MPR FROM 8103'-04', 8119'-20', 8170'-71', 8179'-80', 8214'-15', 8224'-25', 8242'-43', 8267'-68', 8278'-79', 8313'-14', 8319'-20', 8369'-70', 8395'-96' & 8410'-11' @ 2 SPF & 180° PHASING. RDWL. RU SCHLUMBERGER. FRAC DOWN CASING WITH 165 GAL GYPTRON T-106, 4947 GAL YF125ST+ PAD, 50,661 GAL YF125ST+ & YF118ST+ WITH 168,300# 20/40 SAND @ 1-6 PPG. MTP 6508 PSIG. MTR 50.3 BPM, ATP 5908 PSIG, ATR 45 BPM, ISIP 3143 PSIG, RD SCHLUMBERGER,

RUWL. SET 10K CFP AT 8075'. PERFORATED UPR FROM 7851'-52', 7856'-57', 7864'-65', 7871'-72', 7882'-83'. 7912'-13', 7928'-29', 7935'-36', 7997'-98', 8007'-08', 8034'-35' & 8054'-55' @ 2 SPF & 180° PHASING. RDWL. RU SCHLUMBERGER. FRAC DOWN CASING WITH 165 GAL GYPTRON T-106, 4951 GAL YF123ST+ PAD, 50,363 GAL YF123ST+ & YF118ST+ WITH 168,200# 20/40 SAND @ 1-6 PPG. MTP 6218 PSIG. MTR 49.5 BPM. ATP 5910 PSIG. ATR 47.3 BPM. ISIP 3230 PSIG. RD SCHLUMBERGER.

RUWL. SET 10K CFP AT 7770'. PERFORATED UPR FROM 7544'-45', 7571'-73', 7583'-85', 7597'-98', 7630'-31', 7640'-41', 7645'-46', 7728'-29', 7733'-34' & 7739'-40' @ 2 SPF & 180° PHASING. RDWL. RU SCHLUMBERGER. FRAC DOWN CASING WITH 165 GAL GYPTRON T-106, 4941 GAL YF123ST+ PAD, 50,331 GAL YF123ST+ & YF118ST+ WITH 168,500# 20/40 SAND @ 1-6 PPG. MTP 5985 PSIG. MTR 50.2 BPM. ATP 5547 PSIG. ATR 50 BPM, ISIP 3028 PSIG. RD SCHLUMBERGER.

RUWL. SET 10K CFP AT 7430'. PERFORATED UPR/ISLAND FROM 7199'-00', 7245'-46', 7260'-61', 7268'-69', 7283'-84', 7289'-90', 7296'-97', 7306'-07', 7323'-24', 7341'-42', 7361'-62', 7370'-71',7382'-83' & 7397'-98' @ 2 SPF & 180° PHASING. RDWL. SDFN.

Form 3160-5 (April 2004)

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

SUNDRY NOTICES AND REPORTS ON WELLS

FORM APPROVED
OM B No. 1004-0137
Expires: March 31, 2007

Lease Serial No.
 U-02270-A

Do not use th abandoned we	6. If Indian, Allottee or Tribe Name					
SUBMIT IN TRI		7. If Unit or CA/Agreement, Name and/or No. NATURAL BUTTES UNIT				
1. Type of Well Oil Well	8. Well Na	ame and No.				
2. Name of Operator EOG RESOU	RCES, INC.			9. API W	Vell No.	
3a Address P.O. BOX 250 Big Piney WY, 8	33113	3b. Phone No. (inclu- 307-276-3331	de area code)		7-35200 nd Pool, or Exploratory Area	
4. Location of Well (Footage, Sec., 7	., R., M., or Survey Description)			NATU	VRAL BUTTES V or Parish, State	
NWSW 1893 FSL 580 FWL S. SECTION 17, T10S, R21E 39.9		N		1	AH COUNTY, UTAH	
12. CHECK AF	PROPRIATE BOX(ES) TO	INDICATE NATU	IRE OF NOTICE, F	EPORT, O	R OTHER DATA	
TYPE OF SUBMISSION		T	YPE OF ACTION			
Notice of Intent	Acidize Alter Casing	Deepen Fracture Treat	Production (St	art/Resume)	Water Shut-Off Well Integrity	
Subsequent Report	Casing Repair Change Plans	New Construction Plug and Abandon	_ `	bandon	Other	
Final Abandonment Notice	Convert to Injection	Plug Back	Water Disposal			
following completion of the invitesting has been completed. Fir determined that the site is ready INITIAL PRODUCT meter # 985275 on a 1	olved operations. If the operation al Abandonment Notices shall be for final inspection.) 10N: The referenced w.0/64" choke. Opening	n results in a multiple cor e filed only after all requi vell was turned to	npletion or recompletion rements, including reclan sales at 1:00 p.m	in a new intervenation, have be	reports shall be filed within 30 days val, a Form 3160-4 shall be filed once the completed, and the operator has through Kerr-Magee	
14. Thereby certify that the fore Name (Printed/Typed)	-					
Kaylene R. Gard	ner	Title	Regulatory Assistant			
Signatur	raidne .	Date		04/11/2006		
	THIS SPACE FOR	FEDERAL OR	STATE OFFICE	USE		
Approved by			Title		Date	
Conditions of approval, if any, are certify that the applicant holds lega which would entitle the applicant to	or equitable title to those rights conduct operations thereon.	in the subject lease	Office			
Title 18 U.S.C. Section 1001 and Titl States any false, fictitious or fraudu	e 43 U.S.C. Section 1212, make it ent statements or representation	a crime for any person s as to any matter within	knowingly and willfully its jurisdiction.	to make to a	ny department or agency of the United	

(Instruction ROPOSEIVED

APR 1 2 2006

OPERATOR CHANGE WORKSHEET

ROUTING 1. DJJ

2. CDW

X Change of Operator (Well Sold)

Designation of Agent/Operator

Operator Name Change

Merger

The operator of the well(s) listed below has char	4/7/2006								
FROM: (Old Operator): N9550-EOG Resources PO Box 250 Big Piney, WY 83113	TO: (New Operator): N2995-Kerr-McGee Oil & Gas Onshore., LP 1368 South 1200 East Vernal, UT 84078								
Phone: 1-(307) 276-3331				Phone: 1-(435) /81-/024	NATURA	I. RUTT	FS	
CA No.		·		Unit:		IVATORA	<u> </u>		
WELL(S) NAME	SEC	TWN	RNG	API NO	ENTITY NO	LEASE TYPE	WELL TYPE	WELL STATUS	
NBU 535-17E	17	1008	210E	4304735200	2900		GW	P	
OPERATOR CHANGES DOCUMENTATION Enter date after each listed item is completed 1. (R649-8-10) Sundry or legal documentation was received from the FORMER operator on: Completion of well Completion of well 3. The new company was checked on the Department of Commerce, Division of Corporations Database on: 4. Is the new operator registered in the State of Utah: YES Business Number: 1355743-0181									
6a. (R649-9-2)Waste Management Plan has been re 6b. Inspections of LA PA state/fee well sites comp				IN PLACE n/a	_				

7.	Federal and Indian Lease Wells: The BLM and or the BIA has approved the merger, name change, or operator change for all wells listed on Federal or Indian leases on: BLM not yet BIA n/a
8.	Federal and Indian Units: The BLM or BIA has approved the successor of unit operator for wells listed on: n/a
9.	Federal and Indian Communization Agreements ("CA"): The BLM or BIA has approved the operator for all wells listed within a CA on:
10	. Underground Injection Control ("UIC") The Division has approved UIC Form 5, Transfer of Authority to Inject, for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on:
D A	ATA ENTRY:
1.	Changes entered in the Oil and Gas Database on: 7/11/2006
2.	Changes have been entered on the Monthly Operator Change Spread Sheet on: 7/11/2006
3.	Bond information entered in RBDMS on: n/a
4.	Fee/State wells attached to bond in RBDMS on:
5.	Injection Projects to new operator in RBDMS on:
6.	Receipt of Acceptance of Drilling Procedures for APD/New on: n/a
FF	EDERAL WELL(S) BOND VERIFICATION:
1.	Federal well(s) covered by Bond Number: CO1203
IN	DIAN WELL(S) BOND VERIFICATION:
1.	Indian well(s) covered by Bond Number: n/a
FI	EE & STATE WELL(S) BOND VERIFICATION:
1.	(R649-3-1) The NEW operator of any fee well(s) listed covered by Bond Number RLB0005236
2.	The FORMER operator has requested a release of liability from their bond on: The Division sent response by letter on:
	EASE INTEREST OWNER NOTIFICATION: (R649-2-10) The FORMER operator of the fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on:
CC	DMMENTS:
	ell to transfer upon completion to Unit Operator (See 9/23/2003 letter from EOG & agreement from
W	estport of 9/17/03)
_	

Form 3160-4 (April 2004)

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

FORM APPROV	ED
OMBNO, 1004-01	37
Expires: March 31.	200

	14/5		34DL E	TION OF		O						'	xpires. wi	arch 51, 2007
	VVE	LL C	JMPLE	ETION OF	1 RECOM	PLEII	ON REPO	HIAN	ID LOG				e Serial No. 2270-A	
la. Type b. Type	of Well of Comple				Dry [eepen P	lug Back	☐ Diff.	Resvr,				e or Tribe Name
			Othe	r					_				_	ement Name and No.
2. Name	e of Operat	or EO	C Reson	rees Inc									ural Butte	
	2. Name of Operator EOG Resources, Inc.												Name and	Well No. s Unit 535-17E
3. Addr	3. Address 600 17th St., Suite 1000N, Denver, CO 80202 303-824-5526											9. AFI \		5 Cant 050 175
4. Locar	tion of Wel	ll (Repor	1 location	clearly and in	n accordance	with Fed	eral requireme				1			r Exploratory
	c						T -109.58256						ural Butte	•
At to	p prod. inte					JOUI EA	1 -107.50250	LON				Surve	y or Area	on Block and Sec. 17-T10S-R21E
At to	tal depth	Same] 1		ty or Parish	
14. Date	р	_	15	. Date T.D. R	eached		16. Date (Complete	rd 0410=				h County	UT RKB, RT, GL)*
	4/2006		1.5	03/03/200			·	& A	d 04/07/ ✓ Ready		1	5071		KKD, KI, GLJ*
18. Total	Depth:	MD 98	15	1	9. Plug Back 7	Г.D.: М			20. Dept					
	•	TVD			3	TV				2	,•	TV		
21. Type	Electric &	& Other	Mechanic	cal Logs Run	(Submit copy	of each)		22. Was	well co		No	Yes (Sub	mit analysis)
RST	/CBL/VD	L/GR/0	CCL						ı	DST n		No [mit report)
72 Casis		D				11			Dire	ctional	Survey?	✓No	Yes (Submit copy)
			Vt. (#/ft.)	T	gs set in well	15	tage Cementer	l No.	of Sks. &	Slur	ry Vol			
Hole Size				-		(MD)	Depth	Туре	of Cement	(E	ry Vol. BBL)	Cemen	t Top*	Amount Pulled
12-1/4"	9-5/8		1-55	36.0#	0-243			1210 sx						
7-7/8"	4-1/2	<u>" !</u>	N-80	11.6#	0-980	3	· · · · · · · · · · · · · · · · · · ·	2345	SX					
	-	— 		 				ļ						
	 	_						ļ		·				
	+	$\neg +$		<u> </u>				 						
24. Tubin	g Record			-l <u></u>	l			<u> </u>						
Size		h Set (M	D) Pack	er Depth (MD) Size	C	Pepth Set (MD)	Packer	Depth (MD)	ī	Size	Denti	Set (MD)	Packer Depth (MD)
2-3/8"	7160						· · · · · · · · · · · · · · · · · · ·	<u> </u>				1		Total Department
25. Produ	cing Interv						26. Perforatio	Perforation Record						I
	Formatio	חפ		Тор	Botton	n	Perforated	Perforated Interval Size			No. I	loles	ſ	Perf. Status
	averde			7199	9721		9550-9721 2			2/spf				
B) C)					ļ		208-9381					2/spf		
D)							905-9151				2/spf			
	Fracture T	reatment	Cement	Squeeze, etc.	<u> </u>	8	707-8872				2/spf		L	
	Depth Inter		, Cemen	squeeze, etc.			Δ	mount a	nd Type of 1	Mataria				
9550-97	'			58.461 GA	LS GELLE	D WAT	ER & 167,100			viaiciia				
9208-93							ER & 169,000							
8905-91	.51						ER & 155,200							
8707-88	72						ER & 171,000							
	ection - Inte													
Date First Produced	Test Date	Hours Tested	Test Produ	ction BBL	Gas MCF	Water BBL	Oil Grav Corr. A	vity PI	Gas Gravity	1	Production	Method		
14/07/2006	04/12/2006	24		6	531	320	}		0.2		FLOWS F	ROM WE	LL	
Choke	Thg. Press.	Csg.	24 Hr.	Oil BBL	Gas	Water	Gas Oil		Well Stat	us				
Size 10/64"	Flwg. SI 2300	Press. 3000	Rate	6	MCF 531	320	Ratio				PRODUC	ING GAS V	VELL	
	uction - Int	<u> </u>		<u> </u>	. 1									
Date First Produced	Test Date	Hours	Test	Oil tion DD1	Gas	Water	Oil Grav	rity	Gas	I	roduction	Method		
1 TOURCEU	Date	Tested	Produc	tion BBL	MCF	BBL	Corr. Ai	7	Gravity					
Choke	Tbg. Press.	Csg.	24 Hr.	Oil	Gas	Water	Gas/Oil		Well Statu	 s			RFC	CEIVED
Size	Flwg. Sl	Press.	Rate	BBL	MCF	BBL	Ratio			-				
*(See ins		nd space	s for add	itional data o	n nage 2)								JUN	1 2 2006

² 8h Produ	uction - Inte	rval C								·
Date First	Test	Hours	Test	Oil	Gas	Water	Oil Gravity	Gas	Production Method	-
Produced	Date	Tested	Production	BBL	MCF	BBL	Corr. API	Gravity		
Choke	Thg. Press.	Csg.	24 Hr.	Oil	Gas	Water	Gas/Oil	Well Status		
Size	Flwg. SI	Press.	Rate	BBL	MCF	BBL	Ratio			
	luction - Int			<u> </u>	1	<u>- </u>	- 			
Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method	
			>							
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	-	
29. Disp	osition of (Gas (Sold,	used for fuel	, vented, e	tc.)					
SOI	LD									
30. Sum	mary of Po	rous Zones	(Include Ac	uifers):	• • • • • • • • • • • • • • • • • • • •	7.00		31. Format	tion (Log) Markers	
tests,	w all impor , including recoveries.	tant zones depth inter	of porosity val tested, cu	and conter ishion used	nts thereof: i, time tool o	Cored interv pen, flowing	als and all drill-sten and shut-in pressure	n es		
Form	nation	Тор	Bottom		Desc	riptions, Cont	ents, etc.		Name	Top Meas. Depth
			9721 e plugging pr	rocedure):				Middle	Wells anyon	4381 4995 5705 6288 7062 7293 8093 8747 9667
☐ Ele ☐ Sur	by certify the	for pluggi	ogs (1 full se	t req'd.) nt verifica	Gotion Co	the appropria cologic Repor ore Analysis complete and c	DST Report Other:	l from all availal tions Clerk	al Survey ble records (see attached instra	uctions)*
Title 18 U States any	S.C Section false, fiction	on 1001 an	d Title 43 U audulent sta	I.S.C Sect	ion 1212, ma	ake it a crime	for any person know y matter within its	wingly and willi jurisdiction.	fully to make to any departme	ent or agency of the Unite

26. PERFORATION RECORD

8466-8667	2/spf
8103-8411	2/spf
7851-8055	2/spf
7544-7740	2/spf
7199-7398	2/spf

27. ACID, FRACTURE TREATMENT, CEMENT SQUEEZE, ETC.

8466-8667	63,543 GALS GELLED WATER & 191,270# 20/40 SAND
8103-8411	55,773 GALS GELLED WATER & 168,300# 20/40 SAND
7851-8055	55,479 GALS GELLED WATER & 168,200# 20/40 SAND
7544-7740	55,437 GALS GELLED WATER & 168,500# 20/40 SAND
7199-7398	57,537 GALS GELLED WATER & 187,310# 20/40 SAND

Perforated the Lower Price River from 9550-51', 9581-82', 9588-89', 9609-10', 9616-17', 9628-29', 9642-43', 9647-48', 9652-53', 9669-70', 9675-76', 9683-84', 9710-11' & 9720-21' w/ 2 SPF.

Perforated the Lower Price River from 9208-09', 9215-16', 9228-29', 9236-37', 9240-41', 9248-49', 9257-58', 9280-81', 9292-93', 9306-07', 9324-25', 9332-33', 9374-75' & 9380-81' w/ 2 SPF.

Perforated the Lower Price River from 8905-06', 8920-21', 8935-36', 8973-74', 8988-89', 9006-08', 9034-36', 9060-61', 9084-85', 9117-18', 9136-37' & 9150-51' w/ 2 SPF.

Perforated the Lower Price River from 8707-08', 8720-21', 8728-29', 8736-37', 8760-61', 8779-80', 8790-91', 8806-07', 8822-23', 8840-41', 8854-55' & 8871-72' w/ 2 SPF.

Perforated the Middle Price River from 8466-67', 8483-84', 8495-96', 8526-27', 8542-43', 8559-60', 8574-75', 8594-95', 8617-18', 8628-29', 8639-40', 8649-50', 8659-60' & 8666-67' w/ $2\ SPF$.

Perforated the Middle Price River from 8103-04', 8119-20', 8170-71', 8179-80', 8214-15', 8224-25', 8242-43', 8267-68', 8278-79', 8313-14', 8319-20', 8369-70', 8395-96' & 8410-11' w/ 2 SPF.

Perforated the Upper Price River from 7851-52', 7856-57', 7864-65', 7871-72', 7882-83', 7912-13', 7928-29', 7935-36', 7997-98', 8007-08', 8034-35' & 8054-55' w/ 2 SPF.

Perforated the Upper Price River from 7544-45', 7571-73', 7583-85', 7597-98', 7630-31', 7640-41', 7645-46', 7728-29', 7733-34' & 7739-40' w/ 2 SPF.

Perforated the Upper Price River/Island from **7199-**7200', 7245-46', 7260-61', 7268-69', 7283-84', 7289-90', 7296-97', 7306-07', 7323-24', 7341-42', 7361-62', 7370-71', 7382-83' & 7397-98' w/ 2 SPF.

Form 3160-5 (February 2005)

UNITED STATES DEPARTMENT OF THE INTERIOR **BUREAU OF LAND MANAGEMENT**

SHINDRY	NOTICES	AND	REPORTS	\cup N	WELL	19

FORM APPROVED
OM B No. 1004-0137
Expires: March 31, 2007

5.	Lease Serial No.
	U-02270-A

Do not use th abandoned we	is form for proposals ell. Use Form 3160 - 3	to drill or to re (APD) for such p	-enter an roposals.	6. If Indian	Allottee or Tribe Name		
SUBMIT IN TR	PLICATE- Other ins	tructions on rev	erse side.	7. If Unit or	CA/Agreement, Name and/or No.		
1. Type of Well Oil Well	1. Type of Well						
2. Name of Operator EOG Resor	irces, Inc.			Natural 9. API We	Buttes Unit 535-17E		
3a Address 600 17th Street, Suite 1000N, I	lenver CO 80202	3b. Phone No. (inch 303-824-5526	de area code)	43-047-	35200		
4. Location of Well (Footage, Sec.,	· · · · · · · · · · · · · · · · · · ·				l Pool, or Exploratory Area Buttes/Wasatch/Mesaverde		
1893' FSL & 580' FWL (NWS Sec. 17-T10S-R21E 39.945661	•				or Parish, State County, Utah		
12. CHECK A	PPROPRIATE BOX(ES) TO	O INDICATE NATU	JRE OF NOTICE,	REPORT, OR	OTHER DATA		
TYPE OF SUBMISSION		T	YPE OF ACTION				
Notice of Intent ✓ Subsequent Report ☐ Final Abandonment Notice 13. Describe Proposed or Complete	Acidize Deepen Production (St Alter Casing Fracture Treat Reclamation Subsequent Report Change Plans Plug and Abandon Temporarily A						
If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports must be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 must be filed once testing has been completed. Final Abandonment Notices must be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.) EOG Resources, Inc. continued completion on the subject well as follows: 1. Perforated the North Horn from 6908-09', 6927-28', 6951-52', 7001-02', 7036-37', 7043-44', 7081-82', 7090-92', 7101-02' & 7107-08' w/ 2 spf. Fracture stimulated with 58,061 gals gelled water & 140,440# 20/40 sand. 2. Perforated the North Horn from 6262-63', 6272-74', 6452-53', 6463-64', 6557-58', 6597-98', 6624-25', 6666-67' & 6705-07' w/ 2 spf. Fracture stimulated with 53,205 gals gelled water & 141,085# 20/40 sand. 3. Perforated the Buck Canyon from 5694-96', 5704-06', 5823-24', 5893-94', 5921-22', 5944-45', 6018-20' & 6027-29' w/ 2 spf. Fracture stimulated with 40,021 gals gelled water & 103,927# 20/40 sand. 4. Perforated the Chapita Wells from 5530-32', 5538-40', 5547-49', 5553-55', 5567-68' & 5581-82' w/ 2 spf. Fracture stimulated with 34,275 gals gelled water & 89,727# 20/40 sand. 5. Perforated the Chapita Wells from 5453-55', 5458-60' & 5463-65' w/ 3 spf. Fracture stimulated with 31,297 gals gelled water & 74,798# 20/40 sand. Returned well to sales 9/3/2006.							
14. I hereby certify that the fore Name (Printed/Typed)	going is true and correct						
Mary A. Maesta	5	Title	Regulatory Assista	nt			
Signature Maru	Date		03/26/2007				
	THIS SPACE FOR	FEDERAL OR	STATE OFFIC	E USE			
Approved by Conditions of approval, if any, are certify that the applicant holds lega which would entitle the applicant to	or equitable title to those rights conduct operations thereon.	in the subject lease	Title Office		vate		
Title 18 U.S.C. Section 1001 and Titl States any false, fictitious or fraudu	e 43 U.S.C. Section 1212, make it ent statements or representation	s as to any matter within	knowingly and willfulits jurisdiction.	lly to make to any	department or agency of the United		

(Instructions on page 2)

CORRECTED FROM AN EARLIER SUBMISSION DATED 3/26/2007. COMMINGLING VERBIAGE ADDED TO SUNDRY. (SEE HIGHLIGHT.)

FORM APPROVED Form 3160-5 UNITED STATES OM B No. 1004-0137 Expires: March 31, 2007 (February 2005) DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT 5 Lease Serial No. U-02270-A SUNDRY NOTICES AND REPORTS ON WELLS 6. If Indian, Allottee or Tribe Name Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160 - 3 (APD) for such proposals. 7. If Unit or CA/Agreement, Name and/or No. SUBMIT IN TRIPLICATE- Other instructions on reverse side. **Natural Buttes Unit** 1. Type of Well Oil Well √ Gas Well Other 8. Well Name and No. Natural Buttes Unit 535-17E 2. Name of Operator **EOG Resources, Inc.** API Well No. 43-047-35200 3b. Phone No. (include area code) 303-824-5526 10. Field and Pool, or Exploratory Area 600 17th Street, Suite 1000N, Denver, CO 80202 Natural Buttes/Wasatch/Mesaverde 4. Location of Well (Footage, Sec., T., R., M., or Survey Description) 11. County or Parish, State 1893' FSL & 580' FWL (NWSW) Sec. 17-T10S-R21E 39.945661 LAT 109.582561 LON **Uintah County, Utah** REPORT, OR OTHER DATA 12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, TYPE OF ACTION TYPE OF SUBMISSION Water Shut-Off Production (Start/Resume) Acidize Deepen Well Integrity Notice of Intent Alter Casing Fracture Treat Reclamation Other Continued Recomplete Casing Repair New Construction ✓ Subsequent Report completion Change Plans Temporarily Abandon Plug and Abandon Final Abandonment Notice Plug Back Water Disposal Convert to Injection 13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports must be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 must be filed once testing has been completed. Final Abandonment Notices must be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.) EOG Resources, Inc. continued completion on the subject well, commingling production from the Wasatch and Mesaverde formations, as follows 1. Perforated the North Horn from 6908-09', 6927-28', 6951-52', 7001-02', 7036-37', 7043-44', 7081-82', 7090-92', 7101-02' & 7107-08' w/ 2 spf. Fracture stimulated with 58,061 gals gelled water & 140,440# 20/40 sand. 2. Perforated the North Horn from 6262-63', 6272-74', 6452-53', 6463-64', 6557-58', 6597-98', 6624-25', 6666-67' & 6705-07' w/ 2 spf. Fracture stimulated with 53,205 gals gelled water & 141,085# 20/40 sand. 3. Perforated the Buck Canyon from 5694-96', 5704-06', 5823-24', 5893-94', 5921-22', 5944-45', 6018-20' & 6027-29' w/ 2 spf. Fracture stimulated with 40,021 gals gelled water & 103,927# 20/40 sand. 4. Perforated the Chapita Wells from 5530-32', 5538-40', 5547-49', 5553-55', 5567-68' & 5581-82' w/ 2 spf. Fracture stimulated with 34,275 gals gelled water & 89,727# 20/40 sand. 5. Perforated the Chapita Wells from 5453-55', 5458-60' & 5463-65' w/ 3 spf. Fracture stimulated with 31,297 gals gelled water & 74,798# 20/40 Returned well to sales 9/3/2006. I hereby certify that the foregoing is true and correct Name (Printed/Typed) Title Regulatory Assistant Mary A. Maestas 04/27/2007 Date Signature THIS SPACE FOR FEDERAL OR STATE OFFICE USE Date Title Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease Office which would entitle the applicant to conduct operations thereon. Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction. (Instructions on page 2) O.K. 3 173-14 DKO **APR 3 n 2007**

DM 64 CT. DAS S SHUNG

Form 3160-5 (August 2007)

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

	FORM APPROVED
	OMB NO. 1004-0135
	Expires: July 31, 2010
_	

SUNDRY Do not use thi abandoned we	Lease Serial No. UTU02270A If Indian, Allottee o	r Tribe N	Name				
SUBMIT IN TRI	7. If Unit or CA/Agreement, Name and/or No. NATURAL BUTTES UN						
Type of Well Oil Well	ner				8. Well Name and No. NATURAL BUTTE	S UNIT	535-17E
Name of Operator EOG RESOURCES INC		MARY A. MA estas@eogreso			9. API Well No. 43-047-35200		
3a. Address 600 17TH STREET SUITE 10 DENVER, CO 80202	00N	3b. Phone No Ph: 303-82	. (include area code 4-5526	e)	10. Field and Pool, or NATURAL BUT		
4. Location of Well (Footage, Sec., T	., R., M., or Survey Description	1)			11. County or Parish,	and State	;
Sec 17 T10S R21E NWSW 18 39.94566 N Lat, 109.58256 W					UINTAH COUN	TY, UT	
12. CHECK APPI	ROPRIATE BOX(ES) TO	O INDICATE	NATURE OF	NOTICE, RI	EPORT, OR OTHEI	R DAT	Α
TYPE OF SUBMISSION			TYPE C	F ACTION			
☐ Notice of Intent	☐ Acidize	☐ Dee	pen	☐ Product	ion (Start/Resume)	□ W:	ater Shut-Off
_	☐ Alter Casing	☐ Frac	ture Treat	Reclam	ation	\square W	ell Integrity
Subsequent Report	□ Casing Repair	□ Nev	Construction	□ Recomp	olete	□ Ot	her
☐ Final Abandonment Notice	☐ Change Plans	☐ Plug	and Abandon	□ Tempor	arily Abandon		
	☐ Convert to Injection	☐ Pluş	Back	■ Water I	r Disposal		
Attach the Bond under which the wor following completion of the involved testing has been completed. Final At determined that the site is ready for fi All material, debris, trash, and Stockpiled topsoil was spread mixture. The seeded area was	operations. If the operation re andonment Notices shall be fil inal inspection.) junk was removed from to over the pit area and bro	sults in a multipled only after all the location.	e completion or rec requirements, inclu The reserve pit v	completion in a reding reclamation was reclaime	new interval, a Form 316	0-4 shall	be filed once
					REC	EIV	ED
					FEB	112	2008
					DIV. OF OIL	GAS	& MINING
14. I hereby certify that the foregoing is	Electronic Submission # For EOG	#58508 verified RESOURCES	INC, sent to the	Vernal	System		
Name(Printed/Typed) MARY A.	Title REGU	LATORY AS	SISTANT				
Signature MANGRectrostics	Submission al al		Date 02/07/	2008			
	THIS SPACE FO	OR FEDERA	L OR STATE	OFFICE U	SE 		
Approved By			Title			1	Date
Conditions of approval, if any, are attached certify that the applicant holds legal or equivalent would entitle the applicant to conduct the conduction of t	itable title to those rights in the		Office				_
Title 18 U.S.C. Section 1001 and Title 43 States any false, fictitious or fraudulent s					ake to any department or	agency o	of the United

Form 3160-5 (August 2007)

(Instructions on page 2)

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

5. Lease Serial No. Multiple Leases

SUNDRY	NOTICES AN	D REPORTS ON WELLS
o not use this	form for prop	osals to drill or to re-enter an

6. If Indian, Allottee or Tribe Name

FORM APPROVED

OMB No. 1004-0137 Expires: July 31, 2010

Do not use this abandoned well.	form for proposals Use Form 3160-3 (to drill or to re-ente APD) for such prop	er an osals.	o. If Indian, Anottee (or the Name	
1					ement, Name and/or No.	
1. Type of Well				Natural Buttes 8. Well Name and No.		
	- Carlo					
2. Name of Operator EOG Resources, Inc				9. API Well No. See Attached		
3a. Address 1060 EAST HIGHWAY 40, VERNAL, UT 84078	3	3b. Phone No. (include ar 435-781-9145	, i	10. Field and Pool or I Natural Buttes	Exploratory Area	
4. Location of Well (Footage, Sec., T., See Attached	R., M., or Survey Descriptio	n)	i	11. Country or Parish, Uintah, Utah	State	
12. CHEC	X THE APPROPRIATE B	OX(ES) TO INDICATE NA	TURE OF NOTICE	E, REPORT OR OTH	ER DATA	
TYPE OF SUBMISSION			TYPE OF ACTION	ON		
Notice of Intent	Acidize Alter Casing	Deepen Fracture Treat	Produc	ction (Start/Resume)	Water Shut-Off Well Integrity	
Subsequent Report	Casing Repair Change Plans	New Construction Plug and Abandon		pplete prarily Abandon	Other Change of Operator	
Final Abandonment Notice	Convert to Injection	Plug Back	☐ Water	Disposal		
EOG Resources, Inc. has assigned Onshore LP and will relinquish and to As of January 1, 2010, Kerr-McGee terms and conditions of the applicab Onshore LP's Nationwide BLM Bonc Kerr-McGee Oil & Gas Onshore LP 1099 18th Street, Suite 1800 Denver, CO 80202-1918	transfer operatorship of all Oil & Gas Onshore LP wi le lease for the operation	I of the Subject Wells to K	err-McGee Oil & e	Gas Onshore LP on of the Subject Wells	January 1, 2010.	
·				Accepted	l by the	
1	1 .			Utah Div	•	
By: Michael A Nivean	· hip	Date: 12/17/2009		Oil, Gas an		
Agent and Attorney-in-Fact	I			For Reco	rd Only ER 1201	
14. I hereby certify that the foregoing is tru Name (Printed/Typed) J. Michael Schween	ae and correct.	Title Ager	it and Attorney-in	-Fact		
Signature		Date 12/1	7/2009			
	THIS SPACE	FOR FEDERAL OR	STATE OFFIC	CE USE	RECEIVED	
Approved by		77:1			DEC 2 4 2000	
Conditions of approval, if any, are attached, hat the applicant holds legal or equitable titl ntitle the applicant to conduct operations the	le to those rights in the subjec	not warrant or certify t lease which would Office			V. OF OIL, GAS & MINING	
Title 18 U.S.C. Section 1001 and Title 43 U fictitious or fraudulent statements or represe	J.S.C. Section 1212, make it a	crime for any person knowing	ly and willfully to m	nake to any department	or agency of the United States any false,	

Lease #	API#	Well Name	Footages	Legal Description
JTUO2270A	4304730261	NBU 1-07B	1975' FNL 1850' FWL	T10S-R21E-07-SENW
JTUO144868	4304730262	NBU 2-15B	1630' FSL 2125' FEL	T09S-R20E-15-NWSE
ML22651	4304730267	NBU 3-02B	1819' FNL 716' FWL	T10S-R22E-02-SWNW
JTUO10954A	4304730273	NBU 4-35B	2037' FNL 2539' FWL	T09S-R22E-35-SENW
ML22650	4304730272	NBU 5-36B	1023' FNL 958' FWL	T09S-R22E-36-NWNW
JTUO1791	4304730278	NBU 7-09B	330' FSL 1600' FWL	T10S-R21E-09-SESW
JTUO1207 ST	4304730274	NBU 10-29B	1100' FSL 1540' FEL	T09S-R22E-29-SWSE
JTUO1791	4304730294	NBU 13-08B	1600' FSL 1300' FEL	T10S-R21E-08-NESE
JTUO581	4304730296	NBU 15-29B	821' FNL 687' FWL	T09S-R21E-29-NWNW
JTU01791	4304730316	NBU 16-06B	330' FSL 900' FEL	T10S-R21E-06-SESE
JTUO2270A	4304730317	NBU 17-18B	1014' FSL 2067' FEL	T10S-R21E-18-SWSE
JTUO144869	4304730328	NBU 19-21B	2015' FNL 646' FEL	T09S-R20E-21-SENE
JTUO575	4304730363	NBU 25-20B	1905' FNL 627' FWL	T09S-R21E-20-SWNW
JTU4485	4304730364	NBU 26-13B	600' FSL 661' FEL	T10S-R20E-13-SESE
JTUO1393B	4304730367	NBU 28-04B	529' FNL 2145' FWL	T10S-R21E-04-NENW
JTU01393B	4304730368	NBU 29-05B	398' FSL 888' FWL	T10S-R21E-05-SESE
JTU0575		NBU 30-18B	1895' FSL 685' FEL	T09S-R21E-18-NESE
1L01197A	4304730385	NBU 31-12B	565' FNL 756' FWL	T10S-R22E-12-NWNW
JTU461	4304730396	NBU 33-17B	683' FSL 739' FWL	T09S-R22E-17-SWSW
JTU0575	4304730404	NBU 34-17B	210' FNL 710' FEL	T09S-R21E-17-NENE
JTUO149767	4304730397	NBU 35-08B	1830' FNL 660' FWL	T09S-R21E-8-SWNW
JTUO144878B	4304730470	NBU 49-12B	551' FSL 1901' FEL	T09S-R20E-12-SWSE
ITUO140225	4304730473	NBU 52-01B	659' FSL 658' FEL	T09S-R21E-01-SESE
JTUO141315	4304730474	NBU 53-03B	495' FSL 601' FWL	T09S-R21E-03-SWSW
1L21510	4304730475	NBU 54-02B	660' FSL 660' FWL	T09S-R21E-02-SWSW
TUO1193		NBU 57-12B	676' FSL 1976' FEL	T09S-R21E-12-SWSE
TUO1198B		NBU 58-23B	1634' FNL 2366' FEL	T10S-R22E-23-SWNE
TUO37167		NBU 62-35B	760' FNL 2252' FEL	T10S-R22E-35-NWNE
TU10186		NBU 63-12B	1364' FNL 1358' FEL	T10S-R20E-12-SWNE
TUO37167	4304730577	NBU 70-34B	1859' FSL 2249' FWL	T10S-R22E-34-NESW
TU4476		NBU 71-26B	1877' FNL 528' FEL	T10S-R20E-26-SENE
TUO141315	тельтория и при в тельтория в при в пр	NBU 202-03	898' FSL 1580' FEL	T09S-R21E-03-SWSE
TUO1791		NBU 205-08	1432' FSL 1267' FWL	T10S-R21E-08-NWSW
TUO1791		NBU 206-09	1789' FNL 1546' FWL	T10S-R21E-09-SENW
TUO1393B		NBU 207-04	1366' FSL 1445' FWL	T10S-R21E-04-NESW
TUO149076	entrantisti in terretari di terre	NBU 210-24	1000' FSL 1000' FWL	T09S-R21E-24-SWSW
TUO284		NBU 211-20	916' FSL 822' FEL	T09S-R22E-20-SESE
TUO284		NBU 212-19	289' FSL 798' FWL	T09S-R22E-19-SWSW
TU22650		NBU 213-36J	597' FNL 659' FEL	T09S-R22E-36-NENE
L22651	текской различной постиненти в принципальной	NBU 217-02	2045' FSL766' FWL	T10S-R22E-02-NWSW
TUO2270A		NBU 218-17	2600' FNL 1500' FWL	
TUO149076	provide the second	NBU 219-24	1300' FNL 500' FWL	T10S-R21E-17-SENW T09S-R21E-24-NWNW
TUO149076	- +4- 115-2-116-2-116-116-116-116-116-116-116-116	NBU 301-24E	700' FSL 2450' FEL	T09S-R21E-24-NWNW
TUO1791		NBU 302-09E	1899' FSL 912' FWL	A STATE OF THE PARTY OF THE PAR
TUO575		NBU 304-18E	782' FSL 1783' FEL	T10S-R21E-09-NWSW
TUO149767		NBU 305-07E	The same of the sa	T09S-R21E-18-SWSE
TUO581		NBU 306-18E	670' FNL 1950' FWL	T09S-R21E-07-NENW
TUO1791		NBU 307-06E	1604' FSL 2797' FWL	T09S-R21E-18-NESW
TUO284	- 11-11-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1	NBU 308-20E	1979' FSL 2000' FEL	T10S-R21E-06-NWSE
TUO575		NBU 309-20E	1503' FSL 954' FWL	T09S-R22E-20-NWSW
TUO149075			930' FNL 667' FEL	T09S-R21E-20-NENE
TUO581	CONTRACT TO THE PROPERTY OF TH	NBU 311-23E	1101' FSL 1978' FEL	T09S-R21E-23-SWSE
TUO141315		NBU 313-29E	1000' FNL 660' FEL	T09S-R21E-29-NENE
UO575	and the second s	NBU 314-03E	1045' FSL 2584' FWL	T09S-R21E-03-SESW
	a realise management and make a second contract	NBU 316-17E	1935' FNL 1067' FWL	T09S-R21E-17-SWNW
UO144868B		NBU 317-12E	867' FNL 701' FEL	T09S-R20E-12-NENE
UO2270A		NBU 319-17E	807' FNL 990' FWL	T10S-R21E-17-NWNW
TUO1188	The state of the s	NBU 321-10E	940' FSL 2508' FWL	T09S-R21E-10-SESW
UO575B		NBU 325-08E	832' FSL 669' FWL	T09S-R21E-08-SWSW
UO1393B	-	NBU 326-04E	1906' FNL 695' FWL	T10S-R21E-04-SWNW
UO1393B		NBU 327-05E	1117' FNL 942' FEL	T10S-R21E-05-NENE (LOT 1
TU4485	THE RESIDENCE OF THE PARTY OF T	NBU 328-13E	1766' FSL 1944' FWL	T10S-R20E-13-NESW
UO1207 ST	4304732229	NBU 329-29E	2490' FNL 949' FEL	T09S-R22E-29-SENE

Lease #	API#	Well Name	Footages	Legal Description
UTUO10954A	4304732147	NBU 331-35E	1531' FNL 1153' FEL	T09S-R22E-35-SENE
UTUO1791	4304732148	NBU 332-08E	955' FSL 2508' FEL	T10S-R21E-08-SWSE
ML21510	4304732518	NBU 333-02E	1951' FSL 2245' FWL	T09S-R21E-02-NESW
UTUO149075	4304732265	NBU 335-23E	1419' FNL 828' FEL	T09S-R21E-23-SENE
UTUO149076	4304732264	NBU 336-24E	2024' FNL 1958' FWL	T09S-R21E-24-SENW
UTUO284	4304732281	NBU 339-19E	1890' FSL 674' FWL	T09S-R22E-19-NWSW
UTUO284B	4304732327	NBU 340-20E	1326' FSL 2569' FEL	T09S-R22E-20-NWSE
UTUO1207 ST	4304733055	NBU 341-29E	307' FSL 898' FEL	T09S-R22E-29-SESE
UTUO10954A	4304732212	NBU 342-35E	918' FNL 2563' FEL	T09S-R22E-35-NWNE
JTUO1393B	4304739338	NBU 346-05E	2233' FSL 676' FEL	T10S-R21E-05-NESE
JTUO575B	4304732326	NBU 349-07E	1641' FNL 1036' FWL	T09S-R21E-07-SWNW
JTUO1188	4304732519	NBU 352-10E	1806' FSL 842' FWL	T09S-R21E-10-NWSW
JTUO581	4304732383	NBU 356-29E	1600' FNL 1980' FEL	T09S-R21E-29-SWNE
JTUO2270A	4304732388	NBU 358-01E	736' FSL 1941' FEL	T10S-R20E-01-SWSE
JTU4485	4304750032	NBU 359-13E	661' FSL 2149' FEL	T10S-R20E-13-SWSE
JTU4485	4304732387	NBU 360-13E	1998' FSL 775' FWL	T10S-R20E-13-NWSW
ML21510	4304733782	NBU 379-02E	1967' FSL 898' FWL	T09S-R21E-02-NWSW
JTUO575	4304733064	NBU 382-18E	2030' FSL 2172' FEL	T09S-R21E-18-NWSE
JTUO149075	4304735889	NBU 384-23E	491' FSL 929' FEL	T09S-R21E-23-SESE
JTUO149076		NBU 386-24E	450' FSL 1850' FWL	T09S-R21E-24-SESW
JTUO284	4304733057	NBU 388-19E	382' FSL 1847' FWL	T09S-R22E-19-SESW
JTUO1207 ST	4304733049	NBU 389-29E	2226' FSL 2166' FEL	T09S-R22E-29-NWSE
JTUO1393B	4304732835	NBU 390-04E	2577' FSL 1951' FWL	T10S-R21E-04-NESW
JTUO1393B	4304732988	NBU 391-05E	1215' FSL 2090' FEL	T10S-R21E-05-SWSE
JTUO1791	4304733783	NBU 392-06E	1926' FSL 611' FEL	T10S-R21E-06-NESE
JTU4485		NBU 393-13E	1850' FSL 2141' FEL	T10S-R20E-13-NWSE
JTU4485	4304733072	NBU 394-13E	725' FSL 2027' FWL	T10S-R20E-13-SESW
JTUO1188	4304732544	NBU 400-11E	1983' FSL 1321' FWL	T09S-R21E-11-NESW
JTUO581	4304734216	NBU 421-29E	1985 FNL, 972 FEL	T09S-R21E-29-SENE
JTUO581		NBU 422-29E	1980' FNL 785' FWL	T09S-R21E-29-SWNW
ITUO581	4304734206	NBU 423-30E	1980' FSL 660' FEL	T09S-R21E-30-NESE
1L3142		NBU 424-32E	744' FNL 773' FEL	T09S-R21E-32-NENE
ITUO2270A	THE PERSON NAMED IN COLUMN TWO IS NOT THE OWNER OF THE PERSON NAMED IN COLUMN TWO IS NOT THE OWNER OF THE PERSON NAMED IN COLUMN TWO IS NOT THE OWNER OF THE OWNER	NBU 428-07E	660' FSL 855' FWL	T10S-R21E-07-SWSW (LOT
TUO1791		NBU 431-09E	2599' FNL 662' FWL	T10S-R21E-09-SWNW
TUO2270A		NBU 434-17E	1799' FNL 2176' FWL	T10S-R21E-17-SENW
TUO2270A		NBU 435-17E	1837' FNL 571' FWL	T10S-R21E-17-SWNW
TUO2270A		NBU 436-18E	1644' FSL 748' FEL	T10S-R21E-18-NESE
TUO2270A		NBU 437-18E	322' FSL 748' FEL	T10S-R21E-18-SESE
IL22792		NBU 438-19E	661' FNL 1941' FEL	T10S-R21E-19-NWNE
IL22792		NBU 439-19E	2111' FNL 1980' FWL	T10S-R21E-19-SWNE
TUO10953	waterwater and the manufacture and the second secon	NBU 451-01E	1965' FSL 2132' FWL	T10S-R22E-01-NESW
IL22651		NBU 456-02E	493' FNL 1080' FWL	T10S-R22E-02-NWNW (Lot 4)
TUO141315	The second secon	NBU 481-03E	1490' FSL 556' FEL	T09S-R21E-03-NESE
TUO581		NBU 483-19E	1850' FSL 1980' FWL	T09S-R21E-19-NESW
TUO575	Appendix of the same of the sa	NBU 484-20E	350' FNL 823' FWL	T09S-R21E-20-NWNW
TUO2270A		NBU 486-07E	1895 FSL' 1834' FWL	T10S-R21E-07-NESW
TUO575B		NBU 489-07E	763' FSL 733' FWL	T09S-R21E-07-SWSW (Lot 4)
TUO2270A		NBU 497-01E	2091' FSL 894' FEL	T10S-R20E-01-NESE
TUO577A		NBU 506-23E	720' FNL 1818' FWL	T09S-R20E-23-NENW
TUO1791		NBU 508-08E	915' FSL 355' FEL	T10S-R21E-08-SESE
TUO1197A ST	CONTRACTOR OF THE PROPERTY OF	NBU 513-12EX	1850' FNL 2133' FWL	T10S-R22E-12-SENW
ΓUO2270A		NBU 516-12E	1950' FSL 1786' FEL	T10S-R20E-12-NWSE
ΓUO141315		NBU 519-03E	1749' FSL 798' FWL	T09S-R21E-03-NWSW
TUO575B		NBU 521-08E	2250' FSL 900' FWL	T09S-R21E-08-NWSW
ΓUO1188	ALINAMENT STATES OF STATES	NBU 522-10E	732' FSL 841' FEL	T09S-R21E-10-SESE
TUO2270A		NBU 523-12E	660' FSL 660' FEL	T10S-R20E-12-SESE
UO2270A		NBU 524-12E	841' FSL 1795' FEL	T10S-R20E-12-SWSE
TUO2270A		NBU 529-07E	704' FNL 762' FWL	T10S-R21E-07-NWNW
TUO581	4304734639	NBU 534-18E	1885' FSL 115' FWL	T09S-R21E-18-NWSW
UO2270A	4304735200	NBU 535-17E	1893' FSL 580' FWL	T10S-R21E-17-NWSW
.22791	4304735252 N	NBU 536-18E	734' FSL 2293' FWL	T10S-R21E-18-SESW
UO2270A	Committee of the commit	NBU 537-18E	1880' FSL 1830' FEL	T10S-R21E-18-NWSE

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Lease #	API#	Well Name	Footages	Legal Description
UTUO284	4304735886	NBU 538-19E	1937' FSL 1833' FWL	T09S-R22E-19-NESW
UTUO149076	4304735887	NBU 539-24E	1870' FSL 477' FEL	T09S-R21E-24-NESE
UTUO10953	4304736280	NBU 546-01E	2036' FSL 699' FWL	T10S-R22E-01-NWSW
UTUO10953	4304736278	NBU 547-01E	749' FSL 598' FWL	T10S-R22E-01-SWSW
UTU474	4304737687	NBU 553-28E	767' FNL 753' FWL	T10S-R22E-28-NWNW
UTU474	4304737686	NBU 554-28E	2023' FNL 465' FWL	T10S-R22E-28-SWNW
ML22791	4304737685	NBU 555-18E	1984' FSL 1790' FWL	T10S-R21E-18-NESW
ML22791	4304737514	NBU 556-18E	1800' FSL 870' FWL	T10S-R21E-18-NWSW
ML22791	4304737513	NBU 557-18E	852' FSL 661' FWL	T10S-R21E-18-SWSW
UTUO2270A	4304737510	NBU 558-17E	748' FSL 611' FWL	T10S-R21E-17-SWSW
UTUO2278C	4304737509	NBU 559-17E	467' FSL 2065' FWL	T10S-R21E-17-SESW
UTUO2278	4304737508	NBU 560-17E	1946' FSL 1896' FWL	T10S-R21E-17-NESW
UTUO2278		NBU 561-17E	857' FSL 1988' FEL	T10S-R21E-17-SWSE
ML22792	4304737536	NBU 562-19E	859' FNL 859' FEL	T10S-R21E-19-NENE
ML22792	4304737537	NBU 563-19E	1982' FSL 1878' FEL	T10S-R21E-19-NWSE
UTU4476	4304738962	NBU 564-26E	665' FNL 1945' FWL	T10S-R20E-26-NENW
ML22793	4304737533	NBU 565-30E	1865' FNL 1786' FEL	T10S-R21E-30-SWNE
UTUO2270A	4304738375	NBU 566-17E	538' FNL 1806' FWL	T10S-R21E-17-NENW
UTUO1791	4304738535	NBU 567-17E	690' FNL 1988' FEL	T10S-R21E-17-NWNE
UTUO1791	4304738537	NBU 568-17E	850' FNL 807' FEL	T10S-R21E-17-NENE
UTUO1791	4304738534	NBU 569-17E	2009' FNL 1809' FEL	T10S-R21E-17-SWNE
UTUO1791		NBU 570-17E	2031' FNL 672' FEL	T10S-R21E-17-SENE
UTUO2278	4304738377	NBU 571-17E	1964' FSL 1831' FEL	T10S-R21E-17-NWSE
UTUO2278		NBU 572-17E	1810' FSL 739' FEL	T10S-R21E-17-NESE
UTUO2278	and the surface to the second	NBU 573-17E	813' FSL 481' FEL	T10S-R21E-17-SESE
ML22650	4304739308	NBU 602-36E	1723' FNL 719' FWL	T09S-R22E-36-SWNW
UTUO1393B		NBU 614-05E	716' FNL 1967' FEL	T10S-R21E-05-NWNE
UTUO1393B		NBU 615-05E	2384' FNL 1015' FEL	T10S-R21E-05-SENE
UTUO1393B		NBU 617-04E	933' FNL 745' FWL	T10S-R21E-04-NWNW
UTUO1393B		NBU 618-04E	998' FSL 661' FWL	T10S-R21E-04-SWSW
UTUO1393B		NBU 625-04E	1937' FNL 1722' FWL	T10S-R21E-04-SENW
UO01197A ST		NBU 632-12E	860' FNL 2032' FWL	T10S-R22E-12-NENW
UO01197A ST	The street of th	NBU 633-12E	789' FNL 2179' FEL	T10S-R22E-12-NWNE
UO01197A ST		NBU 635-12E	1808' FNL 1754' FEL	T10S-R22E-12-SWNE
UTUO1197A ST		NBU 636-12E	1824' FNL 461' FEL	T10S-R22E-12-SENE
UTUO8512 ST		NBU 638-13E	1926' FNL 2504' FWL	T10S-R22E-13-SENW
UTUO8512 ST	armonia de la como de	NBU 639-13E	859' FNL 1902' FEL	T10S-R22E-13-NWNE
UTUO8512 ST		NBU 640-13E	1619' FNL 1639' FEL	T10S-R22E-13-SWNE
UTUO8512A ST UTUO8512 ST		NBU 641-13E NBU 642-13E	990' FNL 1184' FEL	T10S-R22E-13-NENE
UTUO2270A		NBU 653-07E	1949' FNL 858' FEL	T10S-R22E-13-SENE
UTUO2270A	consistence and the second	NBU 654-07E	660' FNL 1980' FWL 1913' FNL 522' FWL	T10S-R21E-07-NENW
UTUO2270A		NBU 655-07E	1926' FSL 750' FWL	T10S-R21E-07-SWNW
UTUO1791	active of the second contract of the second c	NBU 658-01E	2177' FNL 1784' FEL	T10S-R21E-07-NWSW
UTUO2270A		NBU 660-12E	661' FNL 691' FEL	T10S-R20E-01-SWNE
ML22790	nes per forme a real commence de la marie	NBU 661-24E	1734' FSL 661' FWL	T10S-R20E-12-NENE T10S-R20E-24-NWSW
VIL22790 VIL22790		NBU 662-24E	809' FSL 807' FWL	
ML22790 ML22790		NBU 663-24E	810' FSL 1979' FWL	T10S-R20E-24-SWSW T10S-R20E-24-SESW
ML22790		NBU 664-24E	1810' FNL 1781' FEL	
ML22790	verson farmer all recommendations are recommended by the contract of the contr	NBU 665-24E	1950' FSL 660' FEL	T10S-R20E-24-NWSE T10S-R20E-24-NESE
ML22790		NBU 666-24E	1043' FSL 1722' FEL	T10S-R20E-24-NESE
ML22790	The state of the s	NBU 667-24E	660' FSL 660' FEL	T10S-R20E-24-SVSE
JTUO2270A	· · · · · · · · · · · · · · · · · · ·	NBU 668-12E	859' FNL 1915' FEL	T103-R20E-24-3E3E T10S-R20E-12-NWNE
JO1207 ST		NBU 670-29E	2018' FSL 859' FEL	T09S-R22E-29-NESE
JO1207 ST		NBU 691-29E	680' FNL 797' FEL	T09S-R22E-29-NENE
ML3140.5		NBU 760-36E	1320' FNL 1320' FEL	T09S-R20E-36-NENE
JTU4476		NBU 762-26E	1506' FNL 1449' FEL	T10S-R20E-26-SWNE
ML22792		NBU 763-19E	1258' FSL 1388' FEL	T10S-R21E-19-SWSE
ЛL3142	- of a constraint and a second second second	NBU 764-32E	875' FNL 667' FWL	T09S-R21E-32-NWNW
JTUO1791	MANAGE AND THE SAME THE PARTY OF THE PARTY O	NBU 765-09E	1000' FSL 1640' FWL	T10S-R21E-09-SESW

RECEIVED

DEC 2 4 2009

Sundry Number: 18997 API Well Number: 43047352000000

			FORM				
	STATE OF UTAH		FORM 9				
	DEPARTMENT OF NATURAL RESOURCE DIVISION OF OIL, GAS, AND MI		5.LEASE DESIGNATION AND SERIAL NUMBER: U-02270-A				
SUNDR	RY NOTICES AND REPORTS	ON WELLS	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:				
	sals to drill new wells, significantly deepe gged wells, or to drill horizontal laterals.		7.UNIT or CA AGREEMENT NAME: NATURAL BUTTES				
1. TYPE OF WELL Gas Well			8. WELL NAME and NUMBER: NBU 535-17E				
2. NAME OF OPERATOR: KERR-MCGEE OIL & GAS ONSI	HORE, L.P.		9. API NUMBER: 43047352000000				
3. ADDRESS OF OPERATOR: P.O. Box 173779 1099 18th St	PH treet, Suite 600, Denver, CO, 80217 377	ONE NUMBER: 9 720 929-6515 Ext	9. FIELD and POOL or WILDCAT: NATURAL BUTTES				
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1893 FSL 0580 FWL			COUNTY: UINTAH				
QTR/QTR, SECTION, TOWNSHI Qtr/Qtr: NWSW Section: 17	P, RANGE, MERIDIAN: 'Township: 10.0S Range: 21.0E Meridiar	n: S	STATE: UTAH				
11. CHEC	CK APPROPRIATE BOXES TO INDICA	TE NATURE OF NOTICE, REPORT,	OR OTHER DATA				
TYPE OF SUBMISSION		TYPE OF ACTION					
	ACIDIZE	☐ ALTER CASING	CASING REPAIR				
NOTICE OF INTENT	☐ CHANGE TO PREVIOUS PLANS	☐ CHANGE TUBING	CHANGE WELL NAME				
Approximate date work will start:	☐ CHANGE WELL STATUS	☐ COMMINGLE PRODUCING FORMATIONS	☐ CONVERT WELL TYPE				
SUBSEQUENT REPORT Date of Work Completion: 9/13/2011	DEEPEN	☐ FRACTURE TREAT	☐ NEW CONSTRUCTION				
	OPERATOR CHANGE	☐ PLUG AND ABANDON	☐ PLUG BACK				
	✓ PRODUCTION START OR RESUME	☐ RECLAMATION OF WELL SITE	☐ RECOMPLETE DIFFERENT FORMATION				
SPUD REPORT Date of Spud:	REPERFORATE CURRENT FORMATION	SIDETRACK TO REPAIR WELL	TEMPORARY ABANDON				
	TUBING REPAIR	□ VENT OR FLARE	☐ WATER DISPOSAL				
☐ DRILLING REPORT	□ WATER SHUTOFF	SI TA STATUS EXTENSION	APD EXTENSION				
Report Date:							
	WILDCAT WELL DETERMINATION	☐ OTHER	OTHER:				
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. THE SUBJECT WELL WAS RETURNED TO PRODUCTION ON 09/13/2011. Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY							
NAME (PLEASE PRINT) Sheila Wopsock	PHONE NUMBER 435 781-7024	Regulatory Analyst					
SIGNATURE N/A		DATE 9/30/2011					

Sundry Number: 52901 API Well Number: 43047352000000

	STATE OF UTAH				FORM 9
1	DEPARTMENT OF NATURAL RESOU DIVISION OF OIL, GAS, AND M		3	5.LEASE U-022	DESIGNATION AND SERIAL NUMBER: 70-A
SUNDR	RY NOTICES AND REPORTS	S ON	WELLS	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:	
Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.					or CA AGREEMENT NAME: AL BUTTES
1. TYPE OF WELL Gas Well				1	NAME and NUMBER: 35-17E
2. NAME OF OPERATOR: KERR-MCGEE OIL & GAS ON	NSHORE, L.P.			9. API NI 43047	UMBER: 35200000
3. ADDRESS OF OPERATOR: P.O. Box 173779 1099 18tl	h Street, Suite 600, Denver, CO, 802		ONE NUMBER: 720 929-6	1	and POOL or WILDCAT:
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1893 FSL 0580 FWL				COUNTY	
QTR/QTR, SECTION, TOWNSH Qtr/Qtr: NWSW Section:	HP, RANGE, MERIDIAN: 17 Township: 10.0S Range: 21.0E M	eridian:	: S	STATE: UTAH	
11. CHEC	K APPROPRIATE BOXES TO INDIC	ATE N	ATURE OF NOTICE, REPOR	T, OR C	THER DATA
TYPE OF SUBMISSION			TYPE OF ACTION		
	CHANGE TO PREVIOUS PLANS CHANGE WELL STATUS DEEPEN OPERATOR CHANGE PRODUCTION START OR RESUME REPERFORATE CURRENT FORMATION TUBING REPAIR WATER SHUTOFF WILDCAT WELL DETERMINATION COMPLETED OPERATIONS. Clearly sho 7E WAS SI AND RETURNED 6/30/2014. THANK YC	w all pe		epths, vo	CASING REPAIR CHANGE WELL NAME CONVERT WELL TYPE NEW CONSTRUCTION PLUG BACK RECOMPLETE DIFFERENT FORMATION TEMPORARY ABANDON WATER DISPOSAL APD EXTENSION ER: SI RETURNED TO PRODUCTIO SIUMES, etc. Accepted by the Utah Division of il, Gas and Mining RIPESCORP ONLY
NAME (PLEASE PRINT) Kay E. Kelly	PHONE NUI 720 929 6582	IBER	TITLE Regulatory Analyst		
SIGNATURE N/A			DATE 7/2/2014		

RECEIVED: Jul. 02, 2014